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SEARCH REQUEST FORM

Requestor's Name: William Hughet
Serial Number: 08/002,335
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Search Topic:
Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

Please search for a document management system whereby documents are scanned into the storage for later retrieval, viewing and printing. Present application limits it's use to international trade documents such as letters of credit, Bills of Lading, invoice collections etc. (But I see no reason to limit search to these documents).

STAFF USE ONLY

Date completed: 9/20/96
Searcher: CMT
Terminal time: 93
Elapsed time: 20
CPU time: _____
Total time: 123
Number of Searches: 1
Number of Databases: 2,9

Search Site
_____ STIC
_____ CM-1
_____ Pre-S

Type of Search
_____ N.A. Sequence
_____ A.A. Sequence
_____ Structure
✓ Bibliographic

Vendors
_____ IG Suite
_____ STN
✓ Dialog
_____ APS
_____ Geninfo
_____ SDC
_____ DARC/Questel
_____ Other

File 347:JAPIO OCT 1976-1996/Apr.
(c) JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-1996/SEP W2
(c) 1996 European Patent Office
File 350:Derwent World Pat. 1963-1980/UD=9636
(c) 1996 Derwent Info Ltd
File 351:DERWENT WPI 1981-1996/UD=9636;UA=9632;UM=9625
(c)1996 Derwent Info Ltd
?ds

Set	Items	Description
S1	777590	DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?
S2	3347	S1(2N)(MANAG? OR HANDL?)
S3	238389	SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR DIGITI?
S4	431947	DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5	1153733	STOR? OR MEMOR?
S6	49039	RETRIEV? OR REACCESS? OR RE()ACCESS?
S7	935311	VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-DU?
S8	1799535	PRINT? OR OUTPUT? OR OUT()PUT?
S9	8	S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8

t9/9/all

9/9/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

05014331
IMAGE INFORMATION PROCESSOR

PUB. NO.: 07-306931 [JP 7306931 A]
PUBLISHED: November 21, 1995 (19951121)
INVENTOR(s): SATO MINORU
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 06-100953 [JP 94100953]
FILED: May 16, 1994 (19940516)
INTL CLASS: [6] G06T-001/00; G09G-005/00; G09G-005/00; G11B-027/00; H04N-001/387
JAPIO CLASS: 45.9 (INFORMATION PROCESSING -- Other); 42.5 (ELECTRONICS -- Equipment); 44.7 (COMMUNICATION -- Facsimile); 44.9 (COMMUNICATION -- Other)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)

ABSTRACT

PURPOSE: To provide an image information processor which can deal with the long-size images or the images of irregular shapes larger than a regular size, etc.

CONSTITUTION: A CPU 34 evolves the long-size images or the images of irregular shapes which are read by a scanner device 18 into a page memory 40. The long-size image evolved into the memory 40 is divided into the areas for each sheet of a regular size, e.g., into A4 sizes. Then these divided images are registered on an optical disk 19 by an optical disk device 20 for each sheet of an A4 size. At the same time, the divided/registered retrieving data are registered on a title

management table 26a, a page management table 26b and an image management table 26c of a magnetic disk 26. Furthermore the CPU 34 reads the long-size image or the image of an irregular shape out of the disk 26 by means of the retrieving data to divide and show the image on a CRT display device 24. Then the CPU 34 also prints the undivided long-size image or the undivided image of an irregular shape by a printer device 25.

9/9/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO

04274131
DOCUMENT MANAGING DEVICE FOR FILING SYSTEM DEVICE

PUB. NO.: 05-265831 [JP 5265831 A]
PUBLISHED: October 15, 1993 (19931015)
INVENTOR(s): TAKAHARA KOUJI
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 04-093600 [JP 9293600]
FILED: March 19, 1992 (19920319)
INTL CLASS: [5] G06F-012/00; G06F-001/00; G06F-012/14
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.9 (INFORMATION PROCESSING -- Other
JAPIO KEYWORD:R011 (LIQUID CRYSTALS)
JOURNAL: Section: P, Section No. 1679, Vol. 18, No. 39, Pg. 115, January 20, 1994 (19940120)

ABSTRACT

PURPOSE: To improve reliability for keeping privacy by providing tables for the names of individuals (personal names) and passwords as the managing information of documents .

CONSTITUTION: This device is provided with an image scanner 1, a register part 2, an input control part 5, a keyboard 3, a pointing device 4, a retrieval part 6, a magneto-optical disk 7, an output control part 8, a display device 9 composed of a CRT or an LCD, a printer 10, a document information storage part 11 provided at a hard disk or the like, an image data storage part 12 similarly provided at the hard disk or the like, data for retrieval storage part 13 similarly provided at the hard disk or the like, output buffer 14, and a system bus 15. Inside the register part 2, a rank table or a password table is provided so that the required password can be added only by inputting the personal name as the managing information of documents in addition to a normal document table.

9/9/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO

03954643
ELECTRONIC FILING DEVICE HAVING MANAGEMENT FUNCTION FOR DOCUMENT TO BE ARRANGED

PUB. NO.: 04-319743 [JP 4319743 A]
PUBLISHED: November 10, 1992 (19921110)
INVENTOR(s): KONO OSAMI

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 03-113979 [JP 91113979]
FILED: April 18, 1991 (19910418)
INTL CLASS: [5] G06F-012/00; G06F-015/40; G06F-015/40
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 42.5 (ELECTRONICS -- Equipment); 45.4 (INFORMATION PROCESSING -- Computer Applications
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
JOURNAL: Section: P, Section No. 1509, Vol. 17, No. 149, Pg. 117, March 24, 1993 (19930324)

ABSTRACT

PURPOSE: To simply and rapidly remove an unnecessary document and to effectively utilize a storage area in a magneto-optical disk by retrieving a document whose time limit has elapsed and managing a document to be arranged.

CONSTITUTION: This electronic filing device consists of a scanner 1, a display device 3 consisting of a CRT or the like, a printer 5, an optical disk deck device 7, a control part 10, etc., the control part 10 has a function for executing prescribed processing and the device 7 is provided with a rewritable optical disk . A document to be arranged is selected based upon the check of a storage time limit and the check of reference frequency and previously determined processing such as canceling, temporary saving to another disk area and saving which cannot be directly retrieved is executed to reuse an idle area. Since the filling of the magneto-optical disk or the retrieving frequency of plural disks is sharply reduced, the retrieving performance of documents can be sharply increased, the documents can easily be managed, the safeness of secret documents can be improved, and the cost of the device can also be reduced.

9/9/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO

03840556
FILING DEVICE

PUB. NO.: 04-205656 [JP 4205656 A]
PUBLISHED: July 27, 1992 (19920727)
INVENTOR(s): ABE YUJI
SAKURAI AKIRA
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-340209 [JP 90340209]
FILED: November 30, 1990 (19901130)
INTL CLASS: [5] G06F-015/40; G06F-012/00; G06F-015/62
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2 (INFORMATION PROCESSING -- Memory Units)
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R139 (INFORMATION PROCESSING -- Word Processors)
JOURNAL: Section: P, Section No. 1452, Vol. 16, No. 547, Pg. 110, November 17, 1992 (19921117)

ABSTRACT

PURPOSE: To allow rapid searching with the visual operation alone by

handling document indices as a box, hierarchically storing many documents, and displaying the documents as display indices successively from the upper positions in accordance with this hierarchy at the time of retrieval .

CONSTITUTION: This device has an input device 1 of a touch panel system consisting of an LCD, a MODEM 2, a facsimile device 3, a scanner 4, an audio input device 5, a microphone 6, a decoder 7, a controller 8, a clock generator 9, an image compressing and expanding section 10, a main memory 11, an optical disk memory 12, an encoder 13, a printer 14, an audio output section 15. The box (index box) visualized on the screen of the display device, i.e., key display area, is used as the index to retrieve the filed documents and the registered image data is selected by instructing this box. The visual classification is executed in this way and the retrieval is facilitated.

9/9/5 (Item 5 from file: 347)
DIALOG(R)File 347:JAPIO

02278877
PAGE-UNIT EDITING SYSTEM FOR PICTURE INFORMATION STORING AND RETRIEVING DEVICE

PUB. NO.: 62-195777 [JP 62195777 A]
PUBLISHED: August 28, 1987 (19870828)
INVENTOR(s): KITAJIMA IKUO
OZAKI MINORU
YAMAMOTO MITSURU
YAMAZAKI GIICHI
KATAOKA KENJI
OGAWA ICHIRO
APPLICANT(s): MATSUSHITA GRAPHIC COMMUN SYST INC [330729] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 61-037948 [JP 8637948]
FILED: February 21, 1986 (19860221)
INTL CLASS: [4] G11B-027/02; G06F-015/40
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
JOURNAL: Section: P, Section No. 666, Vol. 12, No. 48, Pg. 125, February 13, 1988 (19880213)

ABSTRACT

PURPOSE: To make it possible to edit the picture information stored in a non- rewritable and additionally writable recording medium by editing a document managing information in the unit of page.

CONSTITUTION: A cathode-ray tube display device 15 displays a picture information read by a scanner 18, reproduces and displays the picture information stored in the rewritable and additionally writable optical disk device 23, and displays a picture of text for the operator. In a retrieving device 13, a retrieval information is inputted from a keyboard 16 in accordance with the picture of text displayed on the device 15 at the time of picture-information registering. When a retrieval information is inputted at the time of retrieving , the managing information (such as document numbers) of the

picture information given the retrieval information can be obtained from the device 13. A printer 19 outputs the picture information compressed and stored in the optical disk device 23 after elongating. A communication control equipment connected to an interface part 24 transfers the said information in the device 23 to a remote facsimile equipment through a communication line.

9/9/6 (Item 1 from file: 351)
DIALOG(R)File 351:DERWENT WPI

008644853 WPI Acc No: 91-148883/20
XRPX Acc No: N91-114271 *Image available*
Storage - retrieval data handling appts. - uses imaging technology to capture and process images of documents for processing
Index Terms: STORAGE RETRIEVAL DATA HANDLE APPARATUS; IMAGE TECHNOLOGY CAPTURE PROCESS IMAGE DOCUMENT PROCESS
Patent Assignee: (BURS) UNISYS CORP
Author (Inventor): NIGAM R K; OSINSKI D A; ROGAN J D; WERNER G M; STEWART M A; DANKO M J; FORBES B K; BIRDSALL M G
Number of Patents: 005
Number of Countries: 016
Patent Family:

Patent No	Kind	Date	Week	Applic No	Date	LA	Pages	IPC
WO 9106058	A	910502	9120					(B)
EP 448673	A	911002	9140	EP 90915057	901004			
US 5170466	A	921208	9252	US 420082	891010		57	G06F-015/20
				US 879683	920504			
US 5301350	A	940405	9413	US 419566	891010		56	G06F-009/00
				US 909	930106			
US 5321816	A	940614	9423	US 420081	891010		55	G06F-013/00
				US 988365	921209			

Priority Data (CC No Date): US 419354 (891010); US 419566 (891010); US 420081 (891010); US 420082 (891010)
Applications (CC,No,Date): US 988365 (921209); EP 90915057 (901004); US 879683 (920504); US 909 (930106)
Language: English
EP and/or WO Cited Patents: DE 3116098; DE 3519110; EP 130050; EP 200593; EP 311807; FR 2595487; FR 2624632
Designated States
(National): CA; JP; KR
(Regional): AT; BE; CH; DE; DK; ES; FR; GB; IT; LU; NL; SE
Filing Details: WO9106058 (+10.10.89(2) -US- 419566,420081) (2217RMC); EP0448673 Based on WO9106058 (+10.10.89(2)-US-419566,420081) (2217RMC)
Abstract (Basic): WO 9106058
The system uses a host computer (6) which communicates commands and data to remotely located storage and retrieval modules (10) via server and controller appts. (4B). An imaging module (8i) in document processor (8) converts document image data into packets for transfer to the storage and retrieval modules (10).
When a workstation (12,14) requires a document for display , it is transmitted over a network in its packets by the storage and retrieval module (10), each of which modules are coupled together by fibre optic cables.
USE - For computer system. @(152pp Dwg.No.1a/17
Abstract (US): 9423 US 5321816 A
The local-remote appts. provides a network combining a local site having a host computer and a specialised storage and retrieval

module for storing image information which is connected to a remote site having document processing equipment working with remote specialised storage retrieval modules for storage of image and information data.

The single local main host computer can operate the network such that documents which are converted to digitised packets can be stored in and retrieved from both the remote storage retrieval modules and also stored in the local storage retrieval module for use of the remote and the local peripheral devices.

USE/ADVANTAGE - High speed, high volume data storage and retrieval while permitting control management from single host computer at local site.

Dwg.16/17 9413 US 5301350 A

The bank check document handling system converts the digitized optical signals containing bank check document image packets having (i) image data and (ii) sequential non-image information data related to the image data into digitized electrical signals forming the bank check document image packets which are stored on identified areas of magnetic disk units via a file management system. In real time, a selected bank check document image packet is retrieved while simultaneous and concurrent storing operations of bank check document image packets are taking place.

Retrieved bank check document image packets is transmitted to a work station or printer for display . A unit communicates with a host computer to receive operational instructions and to transmit retrieved sequential non-image information for use by the host computer.

ADVANTAGE - High speed, high volume document handling .

Dwg.1/17 9252 US 5170466 A

The storage and retrieval modules (SRM's) are organised in clusters of six storage / retrieval modules and interconnected by local area network controllers. Each individual storage retrieval module in a cluster is interconnected to each of the other storage and retrieval modules in that cluster by a local area network controller. It is possible for one cluster of storage and retrieval modules to communicate with another cluster of storage and retrieval modules by use of a fibre optic link using a point-to-point optical controller which can transmit/receive digitised optical data dn can convert digitised optical data to digitised electrical data, and vice versa.

The (SRM) (10) is a high-speed, magnetic disc controller which performs a number of essential functions supportive of the image and item processing system. It retrieves and stores images from the imaging module. It transfers images to the Image Workstations. It transfers images to the Print Workstations. It transfers images to and communicates with other SRM's which can be interconnected. Further, it sends copies of document identification data to the host computer and then also provides image and system file management services to the other hardware components of the system.

USE - High-capacity, high-speed storage / retrieval system for document images in digitised data form permits clusters of (SRM's) to store and exchange digital data via local area networks.

Dwg. 2B/17

File Segment: EPI
Derwent Class: T01; R27;
Int Pat Class: G06F-009/00; G06F-013/00; G06F-015/20; G06F-015/30; G06F-015/40
Manual Codes (EPI/S-X): T01-C03; T01-H05B

9/9/7 (Item 2 from file: 351)
DIALOG(R)File 351:DERWENT WPI

004181104 WPI Acc No: 85-007984/02
XRPX Acc No: N85-005554
Data management appts. registering document information uses attribute name entered at keyboard to access magnetic disc to retrieve classification name of highest correlation
Index Terms: DATA MANAGEMENT APPARATUS REGISTER DOCUMENT INFORMATION; ATTRIBUTE NAME ENTER KEYBOARD ACCESS MAGNETIC DISC RETRIEVAL CLASSIFY NAME HIGH CORRELATE
Patent Assignee: (TOKE) TOSHIBA KK
Author (Inventor): TAKAGI S
Number of Patents: 004
Patent Family:

CC Number	Kind	Date	Week	
EP 130050	A	850102	8502	(Basic)
US 4653021	A	870324	8714	
EP 130050	B	900418	9016	
DE 3482010	G	900523	9022	

Priority Data (CC No Date): JP 83110159 (830621)
Applications (CC,No,Date): EP 84304201 (840621); US 620826 (840615)
Language: English
EP and/or WO Cited Patents: A3...8724; US 4205780; GB 2106679; 3.Jnl.REF
Designated States (Regional): DE; FR; GB; NL
Abstract (Basic): EP 130050

A scanner (3) generates digital document data. An optical disc (7) stores them. A keyboard allows attribute names featuring the respective image data stored in the optical disc to be entered.

A magnetic disc (9) stores classification names and the attribute names that are assigned to the respective document images stored in the optical disc . A display (11) shows the contents of both discs and this can be printed out (13). A c.p.u. (15) controls these devices via a common bus (18). The main memory (17) comprises a r.a.m.

USE/ADVANTAGE - Easily performs classification of new information with high efficiency. @(30pp Dwg.No.1/11

Abstract (US): 8714 US 4653021

The data management appts. comprises a scanner for scanning a document image to provide digital document image data. A document image memory stores the document image data and an input device allows for entry of attribute data relevant to the document image data. A management data memory stores classification data and an attribute occurrence frequency table in which attribute data are assigned to each of the classification data. Frequency of occurrence data equal to the number of documents having a particular attribute j (j: an integer equal to or greater than 1) in classification i (i: an integer equal to or greater than 1) is appended to each of the attribute data.

A central processing unit accesses the management data memory using the attribute data entered through the input as a parameter, for computing the frequency of occurrence of the attribute data entered by the input. The sum of the frequency of occurrence data of each of the attribute data is calculated for each of the classification data, and classification data is selected having attribute data with a

predetermined large sum of frequency of occurrence data. A display displays the classification data selected by the central processing unit, so the operator can select a single of the classification data and efficiently classify a document. @(18pp)@

Abstract (EP): 9016 EP 130050

A data management apparatus comprising a display (11); first input means (3) for entering a plurality of image data, memory means for storing the plurality of image data entered by said first input means; second input means (5) for entering, in the memory means, data relating to the plurality of image data; characterised in that the memory means has first and second memory sections (7,9), the plurality of image data entered by the first input means (3) being stored in the first memory section (7), in that the second input means is used to enter at least one attribute name which indicates a feature of each of said plurality of image data stored in said first memory section (7) and displayed on the display (11), by classification name supplying means (15) for supplying a classification name which has a highest correlation with the attribute name entered by said second input means (5), the attribute name entered by said second input means and the classification name from said classification name supplying means being stored in the second memory section (9) so as to correspond to said each of image data stored in said first memory section (7), by selecting means (15) for normalising frequencies of a plurality of attribute names by a total sum of the frequencies when the plurality of attribute names are entered, and for selecting classification names having higher frequencies of the attribute means the number of the selected classification names corresponding to the number of the attribute names entered by said second input means (5) and in that when an operator cannot think of the attribute name at the time of entering the attribute name at said second input means (5), a plurality of attribute name candidates stored in said second storage section (9) are displayed on said display (11), whereby the operator can select and enter a proper attribute name with reference to display contents. @(22pp)@

File Segment: EPI
Derwent Class: T01; R27;
Int Pat Class: G06F-015/40; G06F-003/00
Manual Codes (EPI/S-X): T01-E01; T01-J05

9/9/8 (Item 3 from file: 351)
DIALOG(R)File 351:DERWENT WPI

004166943 WPI Acc No: 84-312482/50
XRPX Acc No: N84-233083

Document and data handling and retrieval system digitises document contents for temporary and permanent storage under segmenting addresses for later recall and display

Index Terms: DOCUMENT DATA HANDLE RETRIEVAL SYSTEM; DIGITAL DOCUMENT CONTENT TEMPORARY PERMANENT STORAGE SEGMENT ADDRESS LATE RECALL DISPLAY

Patent Assignee: (DURR/) DURRER R; (FROE/) FROESSL H
Author (Inventor): FROESSL H
Number of Patents: 008
Patent Family:

CC	Number	Kind	Date	Week	
WO	8404864	A	841206	8450	(Basic)
AU	8429612	A	841218	8512	

EP 144361	A	850619	8525
US 4553261	A	851112	8548
CA 1208797	A	860729	8635
EP 144361	B	881117	8846
DE 3475255	G	881222	8901
IT 1176221	B	870818	9031

Priority Data (CC No Date): US 499500 (830531)
Applications (CC,No,Date): WO 84CH85 (840528); EP 84901956 (840528)
Language: German
EP and/or WO Cited Patents: EP 56948; GB 1487507; US 3753240; 2.Jnl.REF
Designated States
(National): AU; BR; JP
(Regional): AT; BE; CH; DE; FR; GB; NL; SE; LI
Filing Details: EP0144361 Based on WO8404864 (382SH)

Abstract (Basic): WO 8404864

The system inputs data from documents that are received consecutively and scanned optically to give a sequence of digital signals describing the contents of each document and capable of reproducing an image of that document. A memory stores the digital signals. Groups of digital signals can be called to reproduce the document as a picture on a screen .

Manual controls allow the number of places in the document picture to be selected so that selected segments of the signals can be marked with an address for later filing and checking this segment. A main memory holds and stores these segments in digital form as well as the address data. The main memory may be a video disc . @(37pp Dwg.No.1/4)@

Abstract (US): 8548 US 4553261

Documents are sequentially received and scanned to form a series of digitised signals representative of digital patterns closely approximating patterns on each document from which an image of each document can be reproduced. In a predetermined area of each document, a set of characters is imprinted uniquely identifying each document. A buffer stores the series of signals along with the signals representative of the characters.

Groups of the digitised signals are recalled from the buffer for producing on a viewable screen an image of the patterns of the document. A number of locations in the document image are selected to identify selected segments of the digital patterns, and the information is added to control subsequent deposition of the segments. A mass data file receives and stores the segments in digitised form and the address information. @(12pp)@

Abstract (EP): 8846 EP 144361

Installation for the collection of data from a plurality or source documents in which means are provided for the successive receipt of documents (10), for optically sensing each document (11) and for forming a series of digitised signals (12) representative of digital patterns, which substantially approximate the pattern on each document with which an image of each document can be produced, characterised by - means for printing a set of indicia (18) in a given field (20) of each document to identify the document and to generate electrical signals representative of these indica, - storage means (16) for storing the series of digitised signals with the signals typical of these sets of indicia, -means for calling up groups of digitised signals (30,31) from the storage means and for generating an image of the digitised pattern of the document, from which the signals are formed, - manually operable control means (35) to select a number of places in the document image in order to denote thereby selected segments of the digital pattern and to attach address information (22,23,24) for the control of the later

arrangement of these segments, and - a large capacity store (37,38)
for receipt and storage of these segments in digitised form and
of the address information. @(15pp)@
File Segment: EPI
Derwent Class: T01; W02; R57; R28; R27; R34
Int Pat Class: H04N-001/21; G06K-009/82; G06F-003/14; G06F-015/40;
G11B-000/00
Manual Codes (EPI/S-X): T01-J05; W02-J03
?pause
>>> PAUSE started.
?

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Set      Items   Description
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S3      238389   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
              DIGITI?
S4      431947   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
             IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5     1153733   STOR? OR MEMOR?
S6       49039   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7      935311   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
              DU?
S8     1799535   PRINT? OR OUTPUT? OR OUT()PUT?

S10         98   S1 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S11         90   S10 NOT S9
?i
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File   2:INSPEC 1969-1996/Sep W3
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File   6:NTIS 64-1996/Oct W4
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         (c) 1996 The HW Wilson Co.
File 108:Aerospace Database 1962-1996/Sep
         (c) 1996 AIAA
File 144:Pascal 1973-1996/Aug
         (c) 1996 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1996/Sep W2
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Set      Items   Description
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S3      602203   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
              DIGITI?
S4      463672   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
             IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5     1056537   STOR? OR MEMOR?
S6      145036   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7     1211503   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
             DU?
S8      716524   PRINT? OR OUTPUT? OR OUT()PUT?
S9          12   S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8

t9/7/all

 9/7/1     (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 1996 Institution of Electrical Engineers. All rts. reserv.

5371130   INSPEC Abstract Number: C9610-6130D-009
 Title: Computer-based vertical files
  Author(s): Falk, H.
  Journal: Electronic Library    vol.14, no.4    p.365-8
  Publisher: Learned Information,
  Publication Date: Aug. 1996    Country of Publication: UK
  CODEN: ELLIDZ  ISSN: 0264-0473
  SICI: 0264-0473(199608)14:4L.365:CBVF;1-W
  Material Identity Number: E880-96004
  Language: English    Document Type: Journal Paper (JP)
  Treatment: Practical (P)
  Abstract: Suppose you had a vertical file and wanted to convert it to a
computer based file. What would you need? In a computer based vertical file
system, documents such as pages of text, booklets, newspaper clippings and
photographs are stored in files that can be accessed by computer. A
scanner is used to enter documents into the system. The documents are
indexed by manual indexing, automatic full text indexing or both, and they
are kept in computer disk storage . Document management
software is used for indexing and document retrieval . Vertical file
users can view stored documents on a computer screen , copy
```

range images to a floppy disk , or print the images. (0 Refs)
Copyright 1996, IEE

9/7/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 1996 Institution of Electrical Engineers. All rts. reserv.

4974044 INSPEC Abstract Number: C9507-7210L-051
Title: Developing the scientific-technical digital library at a national laboratory
Author(s): Stackpole, L.E.; Atkinson, R.D.; Yokley, J.
Author Affiliation: US Naval Res. Lab., Washington, DC, USA
p.265-79
Editor(s): Adam, N.R.; Bhargava, B.K.; Yesha, Y.
Publisher: Springer-Verlag, Berlin, Germany
Publication Date: 1995 Country of Publication: West Germany
xiii+321 pp.
ISBN: 3 540 59282 2
Conference Title: Digital Libraries. Current Issues. Digital Libraries Workshop DL'94. Selected Papers
Conference Date: 19-20 May 1994 Conference Location: Newark, NJ, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: The NRL Library is well on the way to providing its research community with access to a "digital library." Through its InfoNet Campus-Wide Information System it provides researchers with menu-driven desktop access to a large number of local and remote information resources. With its Research Reports Imaging System the Library turned its online reports catalogue into an information retrieval tool instead of a pointer, enabling the user to view entire documents online or print them on demand. When completed, TORPEDO will combine the capabilities of both; through the use of powerful search and retrieval tools, it will disseminate electronic images, enabling end users seated at their computers or workstations to search, view and print the contents of large collections of library materials. The system, consisting of a Mosaic front end and a commercial imaging/indexing system, will be accessible via the campus network and the Internet. TORPEDO is being designed for expansion and will permit the addition of multiple scanning subsystems and optical storage juke box devices. The initial system will permit NRL campus access to the information using the SUN workstation and associated optical storage hardware and software. The SUN will provide magnetic storage for the Excalibur text database and will host the Mosaic software and the Excalibur retrieval engine. Initially TORPEDO will handle one million image pages which will occupy roughly 60 GB of optical disk storage . (0 Refs)
Copyright 1995, IEE

9/7/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 1996 Institution of Electrical Engineers. All rts. reserv.

4887342
Title: The DIP alternative (Accountancy)
Author(s): Etherington, A.
Journal: Accountancy vol.115, no.1218 p.60-2
Publication Date: Feb. 1995 Country of Publication: UK
CODEN: ACTYAD ISSN: 0001-4664
Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)
Abstract: Many accountants have so far shunned the benefits of a new way to store and retrieve documents. They should definitely look again. Electronic document management (EDM) is the collective term for technologies that enable businesses to concentrate on dealing with information, rather than the data usually associated with computer-based systems. EDM systems can be split into three groups: document image processing, workflow and groupware. Workflow systems are mainly concerned with controlling the flow of information and documentation by automatic routing. Groupware aims to reflect the way people work, so it often supports workflow. And both workflow and groupware systems may include document image processing (DIP) components. DIP is the name given to systems that convert paper files to computer files. Items of paper are scanned individually, then indexed and stored on an optical disk. Subsequently, these exact facsimiles of the originals can be retrieved, either on to a screen or via a laser printer, whenever necessary. (0 Refs)

9/7/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC

03858030 INSPEC Abstract Number: C91030521, D91001153
Title: Today's CAR: a range of system choices
Author(s): Melville, W.D.
Journal: IMC Journal vol.27, no.1 p.8-10
Publication Date: Jan.-Feb. 1991 Country of Publication: USA
CODEN: IMGCB7 ISSN: 0019-0012
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: Despite the emergence of optical disk for use in some document management applications, many users still find computer-assisted retrieval (CAR) of microfilm to be their appropriate system solution. Making an intelligent buying decision can be easier if you have a basic understanding of all three types and how they might be applied to one's needs. All three types of CAR systems use the same basic components: a microfilmer that captures the document image, a computer system to store the microfilm addresses of those images, and a retrieval terminal that is used to recall, display and print hard copies of the microfilm images. Many different factors go into selecting the best CAR system for an application. The response time needed, involvement of the MIS department, and the capabilities of different types of systems should all be considered. (0 Refs)

9/7/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

03829137 INSPEC Abstract Number: D91000695
Title: Paperless by design (imaging system)
Author(s): Hegarty, S.
Journal: Innovations no.7 p.10-11
Publication Date: Winter 1990 Country of Publication: UK
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Rolls-Royce and Associates (RRA) agreed to undertake world-wide beta testing of the Unisys InfoImage electronic document management

system (EDMS). The author briefly discusses the testing performed by RRA and discusses the main features of the EDMS which were of use to RRA. The main advantage of EDMS is that it removes the need to store paper documents. The system includes optical disk storage and a retrieval 'jukebox'. For the beta-test there was one of each type of workstation-to view, mark-up and edit, as well as scanners for A0, A4 and A4 docs and aperture cards. A magnetic tape drive and laser printers were also included. Documents can be scanned in directly, or taken off CAD and stored in EDMS. The latest version can then be accessed at any workstation. The system can also clean up old drawings. EDMS runs on industry-standard MS/DOS workstations, and the document storage processor is Unix based. (0 Refs)

9/7/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

03794657 INSPEC Abstract Number: C91011765
Title: EDMICS (goes to work)
Author(s): Kaebnick, G.E.
Journal: Inform vol.4, no.9 p.15-16
Publication Date: Oct. 1990 Country of Publication: USA
CODEN: INFREN ISSN: 0892-3876
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: The biggest engineering document management project in the United States is beginning to pan out. Advanced Technology, Inc. reports that it is nearly through the extensive testing cycle for the first installation of the US Navy's Engineering Data Management Information and Control System. The installation is at the Naval Ordnance Station in Louisville, Kentucky. The system is a centerpiece of the Department of Defense's Computer-aided Acquisition and Logistics Support program, a broad-ranging effort to convert from manual to electronic interchange and storage of data within DOD and between DOD and its contractors. What is installed at Louisville is an optical disk -based system for acquiring, editing, retrieving, reproducing, and distributing engineering data and drawings. It replaces a manual repository that employs a combination of aperture cards and paper. A complete EDMICS installation will consist of main-frame computers, advanced video workstations, scanners, plotters, laser printers, and optical disk jukeboxes and drives. Installations will vary in configuration and capability from site to site, since EDMICS consists of modular units that can be built virtually as needed. (0 Refs)

9/7/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC

03496280 INSPEC Abstract Number: C89068961
Title: Digital recording systems: the OPAL Press Cuttings Library
Author(s): Sibuns, S.
Conference Title: SCIL '89 International. Proceedings of the Third Annual Conference on Small Computers in Libraries p.25-8
Publisher: Meckler, London, UK
Publication Date: 1989 Country of Publication: UK 136 pp.
Conference Date: 21-23 Feb. 1989 Conference Location: London, UK
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: By the scanning and digitising of images which are then stored on optical disks , the OPAL Press Cuttings Library provides a fully integrated storage and retrieval system for press cuttings or documents. An integrated indexing database provides quick access to any of the stored images. OPAL consists of an image management system (IMS) and a database management system (DMS). The IMS provides all image scanning , storage , retrieval , display and printing facilities. The DMS provides the ability to associate indexing terms with items and to browse those indexing terms to find a suitable set of cuttings or documents. More specifically, the major components of the OPAL system are: scanning station, integrated workstation, printing station, optical storage and retrieval unit (OSAR) and database management system. Typical facilities of OPAL are: folders, secondary labels, identical folder names, collectives and associated folders. (0 Refs)

9/7/8 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC

03344114 INSPEC Abstract Number: C89028532
Title: The new breed of mixed-media image management systems
Author(s): Black, D.
Journal: IMC Journal vol.25, no.1 p.9-13
Publication Date: Jan.-Feb. 1989 Country of Publication: USA
CODEN: IMGCB7 ISSN: 0019-0012
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P); Product Review (R)
Abstract: The benefits of automated image management systems (where documents are stored as pictures on mass storage devices), are discussed. Mixed-media image management systems mix and match proven online microfilm and magnetic storage with emerging optical laser technology, depending on user needs. The IMNET mixed-media system is used to highlight certain aspects of such systems. An IMNET Image Network supports all the functions needed for automated image management : filming and/or scanning image capture; indexing and database management; optical disk and on-line microfilm image SAR libraries; interactive display capabilities; local and remote distribution; printing and FAX facilities; net gateways for co-existence/connectivity with existing DP systems; and work-in-progress functions. (0 Refs)

9/7/9 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC

03180251 INSPEC Abstract Number: D88002288
Title: Optical disk data (optical disk -based workstation)
Author(s): Fordham, E.
Journal: Business Equipment Digest p.48
Publication Date: June 1988 Country of Publication: UK
CODEN: BEQDAS ISSN: 0007-6708
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: A new information management workstation, the OD1000, has been introduced by Kodak Business Imaging Systems, which is designed to meet the document handling needs of the small to medium sized business-but at a basic configuration price of about Pounds 30000 the potential user must be indicating a clear commitment to high technology. The system is

based on the IBM PC; an optical disk of the WORM format; a desktop scanner ; and a laser printer . The storage and retrieval software integrates the document capture, indexing and storage . The high resolution display can be used to access and read any document and can assist the user in determining what printout is required. (0 Refs)

9/7/10 (Item 10 from file: 2)
DIALOG(R)File 2:INSPEC

02647479 INSPEC Abstract Number: B86032407, C86025652
Title: Experimental systems for diagnostic image management
Author(s): Okabe, T.; Sato, K.
Author Affiliation: Hitachi Med. Corp., Res. & Dev. Center, Chiba, Japan
Journal: Proceedings of the SPIE - The International Society for Optical Engineering vol.536 p.199-204
Publication Date: 1985 Country of Publication: USA
CODEN: PSISDG ISSN: 0277-786X
Conference Title: 3rd International Conference on Picture Archiving and Communication Systems (PACS III) for Medical Applications
Conference Sponsor: SPIE
Conference Date: 7-8 Feb. 1985 Conference Location: Newport Beach, CA, USA
Language: English Document Type: Conference Paper (PA); Journal Paper (JP)
Treatment: Practical (P)
Abstract: Developing several key equipments, the authors made experimental systems for diagnostic image management , which could make it possible to file and retrieve both digital and analog image data, and to process them for editing, processing and displaying their clinical information on the high resolution monitors. The details of the systems and equipments, and preliminary experiences with them are reported. (0 Refs)

9/7/11 (Item 11 from file: 2)
DIALOG(R)File 2:INSPEC

02503766 INSPEC Abstract Number: C85042128
Title: Optical digital data disk systems for the management and dissemination of office and engineering documents
Author(s): Walter, G.
Author Affiliation: Integrated Autom., Berkeley, CA, USA
Journal: International Journal of Micrographics & Video Technology vol.4, no.1 p.21-30
Publication Date: 1985 Country of Publication: UK
CODEN: IJMTDZ ISSN: 0743-9636
U.S. Copyright Clearance Center Code: 0743-9636/85$3.00+0.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: By December 1984 about one dozen special document management systems were working in the US, Germany and France. These systems have as their central storage bank optical digital data disk (ODDD) mass memory subsystems that store the digitized facsimile of graphic, not-machine-readable documents. Access to very large document accumulations from remote workstations is possible in seconds and the document images are telecommunicated via computer data channels or voice-grade phone lines to high-resolution video display terminals

or plain paper printers . In addition, it is reported, that a much greater number of smaller systems operates in Japan. These are classified as facsimile message buffers and also use the ODDD and image telecommunication technologies. They differ from the large document management systems by the smaller number (less than 50000 pages) of accessible (on-line) documents. Moreover, their software for the search by key-word or attributes is also less capable than the software of the large US and European systems. The ODDD-based systems differ in their capability attributes from computer assisted retrieval systems with micrographic document banks (Microform CAR Systems). This paper discusses these differences. Magnetic storage (rotating direct access storage systems and tape systems) are also examined where this is helpful to the understanding of the ODDD technology. (0 Refs)

9/7/12 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

03357178 E.I. Monthly No: EI9201006373
Title: Digital imaging technology. What, where, and why in commercial nuclear power.
Author: Reding, Tom
Corporate Source: Southern Electric Intl Inc
Source: Nuclear Plant Journal v 9 n 4 Jul-Aug 1991 p 89-90, 94
Publication Year: 1991
CODEN: NPJOEZ ISSN: 0892-2055
Language: English
Document Type: JA; (Journal Article) Treatment: G; (General Review)
Journal Announcement: 9201
Abstract: Digital imaging is a technology whereby images of all types (i.e., operating, health physics, and maintenance records, as well as controlled documents such as procedures, drawings, vendor information, equipment, and technical specifications) may be input, stored , retrieved , manipulated, transmitted, viewed , and printed from electronic media. Digital imaging is a technology which incorporates many existing and proven technologies. Digital imaging technology encompasses laser recording, intelligent/ optical character recognition (ICR/ OCR), raster scanning , optical disk storage media, facsimile transmission, local and wide area network communications, twisted pair wiring (shielded and unshielded), coaxial cable (thin and standard), fiber optics, microwave, land lines, laser printing , raster editing and vector design and drafting, text management software, voice annotation, and finally, a database management system which drives the system itself. Data/images may be stored and retrieved from the following media types: magnetic (on mainframes, minis, file servers, and personal computers), write once read many (WORM) archival optical disks , or magneto-optic (erasable) non-archival optical disks , and in some cases microforms such as roll film, fiche, or aperture cards.
?

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Set     Items   Description
S1    1533442   DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?

S3     602203   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
              DIGITI?
S4     463672   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
             IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5    1056537   STOR? OR MEMOR?
S6     145036   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7    1211503   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
            DU?
S8     716524   PRINT? OR OUTPUT? OR OUT()PUT?

S10        69   S1 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S11        57   S10 NOT S9

S13        50   RD S11 (unique items)
?
t13/6/all
>>> PAUSE ended.

 13/6/1     (Item 1 from file: 2)
4904749   INSPEC Abstract Number: C9504-6160S-019
 Title: Using simulation to size  document  imaging systems
  Copyright 1995, IEE


 13/6/2     (Item 2 from file: 2)
4630675   INSPEC Abstract Number: C9405-7250L-002
  Title:   Retrieval  of optical  images  using Cuadra Star and GeneSys
in the Ruth H. Hooker Research Library and Technical Information Center


 13/6/3     (Item 3 from file: 2)
4544527   INSPEC Abstract Number: C9401-5260B-143
  Title: Electronic  document  imaging for library applications: an
analysis of selected implementation issues


 13/6/4     (Item 4 from file: 2)
04260880   INSPEC Abstract Number: C9212-7250C-001
  Title: The Patent Abstract  Image  System of the Australian Patent
Office


 13/6/5     (Item 5 from file: 2)
04147647   INSPEC Abstract Number: C9206-7100-021
 Title: DIP for the desktop


 13/6/6     (Item 6 from file: 2)
03939444   INSPEC Abstract Number: C91055083
  Title: Database for photographs and slides at the National Museum of
Ethnology


 13/6/7     (Item 7 from file: 2)
03702456   INSPEC Abstract Number: C90059091
 Title: Applying electronic  image  processing to photostats
```

13/6/8 (Item 8 from file: 2)
03663317 INSPEC Abstract Number: C90047679
Title: Paper woes thwarted on Capitol Hill

13/6/9 (Item 9 from file: 2)
03624341 INSPEC Abstract Number: C90035608
Title: Image and data processing working together

13/6/10 (Item 10 from file: 2)
03550078 INSPEC Abstract Number: C90015995
Title: DocMaster: a new way of archiving

13/6/11 (Item 11 from file: 2)
03527161 INSPEC Abstract Number: C90008727
Title: CMB: document image processing in a technical information services environment

13/6/12 (Item 12 from file: 2)
03486949 INSPEC Abstract Number: C89068956
Title: Paper woes thwarted on Capitol Hill as House installs optical disk system

13/6/13 (Item 13 from file: 2)
03386327 INSPEC Abstract Number: D89001590
Title: Document imaging technology

13/6/14 (Item 14 from file: 2)
03328310 INSPEC Abstract Number: C89022259
Title: Strategic rethinking

13/6/15 (Item 15 from file: 2)
03266439 INSPEC Abstract Number: C89003582
Title: Knowledge base for storage and retrieval of pictures

13/6/16 (Item 16 from file: 2)
03183920 INSPEC Abstract Number: C88046908
Title: Document image processing not just another story about the paperless office

13/6/17 (Item 17 from file: 2)
03131025 INSPEC Abstract Number: B88036557, C88031690
Title: Pilot PACS with on-line communication between an image workstation and CT scanners in a clinical environment

13/6/18 (Item 18 from file: 2)
02993207 INSPEC Abstract Number: B87069599, C87061220
Title: Document - image processing: breaking the productivity barrier in today's office

13/6/19 (Item 19 from file: 2)
02911375 INSPEC Abstract Number: C87042888
Title: The effect of pre-processing on image compression

13/6/20 (Item 20 from file: 2)
02793521 INSPEC Abstract Number: C87006636
Title: Hitachi optical disk file system HITFILE 60

13/6/21 (Item 21 from file: 2)
02599206 INSPEC Abstract Number: C86014695
Title: A prototype system for the electronic storage and retrieval of document images

13/6/22 (Item 22 from file: 2)
02565304 INSPEC Abstract Number: C86003740
Title: Personal computer for the picture editor

13/6/23 (Item 23 from file: 2)
02550504 INSPEC Abstract Number: B85063269, C85051255
Title: The challenge of a document delivery experiment: Eurodocdel

13/6/24 (Item 24 from file: 2)
02477664 INSPEC Abstract Number: C85034449
Title: A document storage application: the SARDE project

13/6/25 (Item 25 from file: 2)
02424062 INSPEC Abstract Number: C85020578
Title: Advanced system for optical document file system 'Panafile 1000'

13/6/26 (Item 26 from file: 2)
02302894 INSPEC Abstract Number: C84040565
Title: Applications of digital optical disks in library preservation and reference

13/6/27 (Item 27 from file: 2)
02237758 INSPEC Abstract Number: C84022992
Title: An optical disk system that will allow the Library of Congress to print 5.5 million catalog cards 'on demand'

13/6/28 (Item 28 from file: 2)
02207353 INSPEC Abstract Number: B84016775, C84013707
Title: Optical document file system

13/6/29 (Item 29 from file: 2)
01998611 INSPEC Abstract Number: C83010509
Title: High density read/write optical system

13/6/30 (Item 30 from file: 2)
01965781 INSPEC Abstract Number: C83002818
Title: Storage and retrieval of planetary photographic images by laser/ video disk technology

13/6/31 (Item 31 from file: 2)
01799622 INSPEC Abstract Number: C82006703
Title: Automated engraving of gravure cylinders

13/6/32 (Item 32 from file: 2)
01776261 INSPEC Abstract Number: C82001940
Title: Sophisticated system for retrieving records captures user interest

13/6/33 (Item 33 from file: 2)
01542933 INSPEC Abstract Number: A80068304, B80034588, C80021981
Title: Progress with image processing on a scanning Auger microprobe

13/6/34 (Item 34 from file: 2)
01537397 INSPEC Abstract Number: A80067308, C80022022
Title: Computer-assisted mapping with the light microscope

13/6/35 (Item 1 from file: 6)
1743888 NTIS Accession Number: DE93019225/XAB
Low-Speed Fingerprint Image Capture System User's Guide, June 1, 1993
NTIS Prices: PC A04/MF A01

13/6/36 (Item 2 from file: 6)
1468103 NTIS Accession Number: DE90008852/XAB
Army War College final prototype optical disk system testing and evaluation report
Portions of this document are illegible in microfiche products.
NTIS Prices: PC A04/MF A01

13/6/37 (Item 3 from file: 6)
1448004 NTIS Accession Number: PB90-176371/XAB
Electronic Images
(Research note)
NTIS Prices: PC A07/MF A01

13/6/38 (Item 1 from file: 8)
01825739
Title: PROTOTYPE SYSTEM FOR ELECTRONIC DOCUMENT IMAGE STORAGE AND RETRIEVAL .

13/6/39 (Item 2 from file: 8)
01457941
Title: CODING OF OPTICAL DISCS FOR DOCUMENT STORAGE .
Conference Title: Colloquium on Coding of Documentary Information.

13/6/40 (Item 3 from file: 8)
01135301
Title: DOCUMENT STORAGE AND RETRIEVAL SYSTEM.

13/6/41 (Item 4 from file: 8)
01065218
Title: INTERFACING DP AND MICROGRAPHICS TECHNOLOGY TO SAVE DP DOLLARS.

13/6/42 (Item 5 from file: 8)
00994475
Title: LASER MEMORIES FOR IMAGE STORAGE .

13/6/43 (Item 6 from file: 8)
00969186
Title: LASERFILE -- A HIGH-SPEED DOCUMENT STORAGE AND RETRIEVAL SYSTEM.

13/6/44 (Item 7 from file: 8)
00899250
Title: INTEGRATION OF CRT 'S COM AND SOURCE DOCUMENT FICHE TO AID INFORMATION RETRIEVAL .

13/6/45 (Item 1 from file: 94)
01633644 JICST ACCESSION NUMBER: 92A0432947 FILE SEGMENT: JICST-E
A Medical Record Management System Using an Optical Disk Filing System.

13/6/46 (Item 2 from file: 94)
01380814 JICST ACCESSION NUMBER: 91A0349120 FILE SEGMENT: JICST-E
Database for photographs and slides at the National Museum of Ethnology.

13/6/47 (Item 3 from file: 94)
01223558 JICST ACCESSION NUMBER: 91A0002043 FILE SEGMENT: JICST-E
Construction of a database for slides and photographs.

13/6/48 (Item 4 from file: 94)
00434251 JICST ACCESSION NUMBER: 87A0186519 FILE SEGMENT: JICST-E
Medical imaging. Medical image filing system, TDIS-FILE.

13/6/49 (Item 1 from file: 108)
01437422 N83-18578
ADONIS: An automated system for document delivery

13/6/50 (Item 1 from file: 434)
11866475 Genuine Article#: JR864 Number of References: 14
Title: COMPUTER-SYSTEM FOR THE ACQUISITION AND ANALYSIS OF VASCULAR CONTRACTILITY - APPLICATION TO A BIOASSAY OF ENDOTHELIAL-CELL FUNCTION
(Abstract Available)
?pause
>>> PAUSE started.

File 35:Dissertation Abstracts Online 1861-1996/Sep
(c) 1996 UMI
File 202:Information Science Abs. 1966-1996/Aug
(c) 1996 IFI/Plenum Data Corp.
File 233:Microcomputer Abstracts(TM) 81-1996/Sep
(c) 1996 Information Today,Inc
?ds

Set	Items	Description
S1	207705	DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?
S2	4202	S1(2N)(MANAG? OR HANDL?)
S3	23225	SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR DIGITI?
S4	63078	DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5	95840	STOR? OR MEMOR?
S6	25866	RETRIEV? OR REACCESS? OR RE()ACCESS?
S7	187497	VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-DU?
S8	61771	PRINT? OR OUTPUT? OR OUT()PUT?
S9	2	S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8

?c
t9/7/all

9/7/1 (Item 1 from file: 233)
DIALOG(R)File 233:Microcomputer Abstracts(TM)

0363535 94IT10-038
New Canofile 510 desktop filing system
Information Today , October 1, 1994 , v11 n9 p61, 1 Page(s) ISSN: 8755-6286
Company Name: Canon USA
Product Name: Canofile 510
Announces that Canon U.S.A. is offering the Canofile 510 system ($18,500). Says the system includes the Canofile 510 desktop electronic filing system with a digital rotary scanner, re-writable magneto-optical disk driver, an 8-inch by 11-inch LCD display, a full keyboard, and the Fileprint 300 laser beam printer. Says the scanner can capture 50 letter-sized documents per minute, and can scan both sides of an inserted sheet. File organization uses a descriptive index and a categorizing index. The CF520 can store as many as 13,000 documents which are easily retrievable. The laser printer features 400 dpi eight page per minute output. Includes one photograph. (LDS)

9/7/2 (Item 2 from file: 233)
DIALOG(R)File 233:Microcomputer Abstracts(TM)

0210481 90IW02-331
LAN document manager uses Microsoft Windows Office View uses scanner, full-text indexing
Mace, Scott
InfoWorld , February 26, 1990 , v12 n9 p29, 1 Pages ISSN: 0199-6649
Reports that at Networld, Micronet Software Corp. of College Park, MD (301) demonstrated Office View v2.0 ($4,995 for a 4-user license), a Microsoft Windows-based document management system for Novell LANs with full-text search and automatic indexing. Says it allows users to maintain a paperless office by scanning a document, creating an image of it, then

storing the image on a file server's hard disk or optical disc. The images can be displayed, retrieved, or printed. Notes that version 1.0 is currently available. (lj)
?pause
>>> PAUSE started.
?

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Set     Items   Description
S1     207705   DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?

S3      23225   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
             DIGITI?
S4      63078   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
           IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5      95840   STOR? OR MEMOR?
S6      25866   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7     187497   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
           DU?
S8      61771   PRINT? OR OUTPUT? OR OUT()PUT?

S10        10   S1 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S11         8   S10 NOT S9
?
t11/7/all

 11/7/1     (Item 1 from file: 202)
DIALOG(R)File 202:Information Science Abs.
(c) 1996 IFI/Plenum Data Corp. All rts. reserv.

00190585  9500585
ISA Document Number in Printed Publication: 9500477
    information  retrieval  system.
Document Type: Patent
Author (Affiliation): Kojima, K.
Patent Assignee(s): Sony Corp. (JP)
Patent Number(s): US 5383029
Publication Language(s): English
Source: Jan 17, 1995
        An information  retrieval  system in which  image  information
    inputted by an  image  inputting device, such as an  image
     scanner , is reduced in size by an  image  -reducing unit. An
    identification code for  retrieval  is assigned to the reduced
     image  before being  printed  by a  printer . In this manner, a
    plurality of reduced  images  and identification codes associated
    with the reduced  images  are  printed  on a paper sheet. The
    identification codes on the paper sheet are read by a code reader so
    that a CPU may extract the corresponding  image  information from a
     disc  device for  display  on a  display  device. By binding the
     printed  paper sheets into a file, the  storage  space size is
    diminished, while the operation of turning over leaves of the file for
     retrieval  is expedited. The  image  information is also
     retrieved  easily with the aid of the identification codes.


 11/7/2     (Item 2 from file: 202)
DIALOG(R)File 202:Information Science Abs.
(c) 1996 IFI/Plenum Data Corp. All rts. reserv.

00175414  9305414
ISA Document Number in Printed Publication: 9305245
      Retrieval  of optical  images  using Cuadra Star and GeneSys in
    the Ruth H. Hooker Research Library and Technical Information Center.
Document Type: Monographic Chapter
Author (Affiliation): Bradley M.L.  (Naval Research Lab., Washington, DC);
    Folen, D.R.
Country of Affiliation: United States
Publication Language(s): English
```

Publication Country: United States
Source: In Proceedings of the Fourteenth National Online Meeting, New York, NY, May 1993 p. 43-49 1993 Learned Information, Inc. Medford, NJ ISBN: 0-938734-73-3 2

The Ruth H. Hooker Research Library and Technical Information Center of the Naval Research Laboratory (NRL) in Washington, DC is taking advantage of recent technical advances to place the optical images of its scientific reports on disk and store them in an autochanger roughly the size of a standard home refrigerator. This conversion allows the Library to store its report collection in a small fraction of the space once needed, and to retrieve reports almost instantaneously. The full text of over 60,000 reports averaging 55 pages per report (about one-fifth of the report collection), has already been stored as optical images and 36,000 more will be scanned by the end of the current year. These images are on 12-inch optical disks in a 50 platter. Sony autochanger. In addition to the autochanger, the basic system consists of an Alphamicro minicomputer, an optical server, a file server, PCs for transferring images to disk, scanners, printers, and workstations. The reports are fully indexed in a Cuadra Star database. Page images of the reports are retrieved using the ImageExtender capability of the GeneSys software. The Library user searches the STAR database from a PC to identify those reports needed. Once the reports are identified a scroll bar is placed over the accession numbers of these reports and with the touch of a key the images are retrieved. Pages of reports can be displayed one at a time on the screen or, in a Windows version, pages from two or more reports can be displayed simultaneously. The same report can be viewed simultaneously at more than one workstation. The user can flip back and forth through the report on the screen, front to back or back to front, or go directly to a certain page. All or part of a report can be printed out by the user on a high speed printer.

11/7/3 (Item 3 from file: 202)
DIALOG(R)File 202:Information Science Abs.

00148337 9008337
ISA Document Number in Printed Publication: 9008316
Information storage and retrieval system.
Document Type: Patent
Author (Affiliation): Boyne, W.J.
Patent Assignee(s): Smithsonian Institute
Patent Number(s): US 4941125
Publication Language(s): English
Source: Jul 10, 1990

A digital camera is used to scan documents and generate a corresponding digital output signal. A data processor receives the digital output signal and generates corresponding index information. The video and index information are then stored on one or more optical disks for search and retrieval.

11/7/4 (Item 4 from file: 202)
DIALOG(R)File 202:Information Science Abs.

00073150 8305650
ISA Document Number in Printed Publication: 8305650

Storage and retrieval of planetary photographic images by laser/ video disk technology.
Document Type: Journal Article
Author (Affiliation): Fisher, M. (Pasadena, CA Jet Propulsion Lab., California Inst. of Technol.)
Journal: Journal of Micrographics
Publication Language(s): English
Source: Vol. 15 Issue 9 p. 20-22 Sep. 1982

Photographs made from spacecraft data are scanned . The output signal controls duration and spacing of laser pulses which burn holes in circular tracks of video disks . A lower-power laser scans a video disk and causes television-formed images to appear on a monitor as an investigator searches stored images by selecting attributes. The monitor gives locations of the original image data tape

11/7/5 (Item 5 from file: 202)
DIALOG(R)File 202:Information Science Abs.

00013357 7101857
THE STORAGE AND RETRIEVAL BY COMPUTERIZED SYSTEMS OF CHEMICAL INFORMATION BY DERWENT PUBLICATIONS LIMITED.
Document Type: Monographic
Author (Affiliation): DIXON, M.D. (DERWENT PUBLICATIONS LTD., LONDON).
Publication Language(s): English
Source: IN EVERS, H., ED. PROCEEDINGS OF THE SYMPOSIUM ON COMPUTER-BASED CHEMICAL INFORMATION, 4-7 NOVEMBER 1968, NOORDWIJK, THE NETHERLANDS. P. 209-252. DISCUSSION, P. 253-259. 39 ILLUS. 0 REF. SEE ISA 71-1679/Y.

DERWENT PUBLICATIONS LTD. HAVE MAXIMIZED THE USE OF COMPUTERS IN HANDLING LARGE NUMBERS OF DOCUMENTS IN CHEMISTRY. THE DERWENT DOCUMENTATION SERVICES COVERING PATENTS ARE FARMDOC (PHARMACEUTICALS), AGDOC (AGRICULTURE), AND PLASDOC (PLASTIC AND POLYMERS). SERVICES COVERING JOURNALS ARE RINGDOC (PHARMACEUTICALS), VETDOC (ISA 71-834)(VETERINARY PRODUCTS), AND PESTDOC (ISA 71-833) (AGRICULTURAL CHEMICALS). PAPERS AND PATENTS ARE VIEWED BY TEAMS OF EXPERTS WHO PRODUCE A CONVENTIONAL NARRATIVE ABSTRACT AND A CODED ABSTRACT OF THE SOURCE DOCUMENT . CODES MAY BE MANUAL, OR BY SYSTEMS REPRESENTING CLASSES OF COMPOUNDS, OR BY MARKUSH FORMULAE, ALLOWING RETRIEVAL BY SPECIFIC AND GENERIC CONCEPTS. EXAMPLES OF THE VARIOUS CODES ARE PRESENTED. CODELESS SCANNING HEADINGS FOR THE ABSTRACTS EMPLOY THEMATIC GROUPS, INDEX TERMS, FREE TERMS, AND S.D.I. (SELECTIVE DISSEMINATION OF INFORMATION) PROFILES. A LIMITED NUMBER OF ABOUT 1,200 TERMS FROM AN OPEN-ENDED LIST IS USED. A THESAURUS HAS BEEN COMPILED WHICH STANDARDIZES TERMINOLOGY AND SPELLING AS WELL AS THE CONNECTION OF A "FREE TERM" CONCEPT WITH A GIVEN "INDEX TERM." IN THE PUNCH CARD CODE, EACH POSITION ON A STANDARD IBM CARD IS ASSIGNED A SPECIFIC CHEMICAL OR NON-CHEMICAL CONCEPT OR A GROUP OF RELATED CONCEPTS. THE SAME PUNCH CARD CODE IS USED FOR FARMDOC AND AGDOC. THE PLASDOC PUNCH CARD CODE HAS BEEN USED FOR SEVERAL YEARS. THE RING CODE IS USED FOR ENCODING RINGDOC AND IN A MODIFIED FORM FOR PESTDOC AND VETDOC. THE GENERAL CHEMICAL, STEROID, AND PEPTIDE CODES ARE DESCRIBED. AT DERWENT, COMPUTERS ARE USED TO GENERATE INDEXES, FOR A CENTRALIZED SEARCH BUREAU, FOR SUBSCRIBER IN-HOUSE SEARCHING, AND FOR DERWENT IN-HOUSE SEARCHING. USING A SPECIALLY MODIFIED KWIC INDEX PROGRAM ON AN IBM 7094 COMPUTER, INDEXES ARE PRODUCED BY THE NAME OF PATENTEE AND BY PRIORITY APPLICATION DATE AND NUMBER FOR IDENTIFYING EQUIVALENT PATENTS. AND IBM 7094/1401 HAS BEEN SERVICING SUBSCRIBERS WHO PERFER TO HAVE SEARCHES CARRIED OUT FOR THEM ON A CENTRAL COMPUTER. FOR SECURITY REASONS, MOST

SUBSCRIBERS PREFER TO USE THEIR OWN COMPUTERS TO SEARCH THE TAPES PROVIDED BY DERWENT. PROGRAMS HAVE BEEN WRITTEN FOR IBM 360 MODEL 30, 40, OR HIGHER SERIES COMPUTERS WHICH HAVE A MINIMUM OF 32 K MEMORY . AS PERIPHERAL EQUIPMENT, THE PROGRAMS REQUIRE A CARD READER, AN ON-LINE PRINTER , A DECIMAL ARITHMETIC FEATURE, TWO TAPE DRIVES (9 CHANNEL), AND TWO ADDITIONAL TAPE DRIVES OR ONE DISK DRIVE. THE TYPES AND NUMBERS OF QUESTIONS WHICH CAN BE ANSWERED ARE DISCUSSED. MOST OF THE QUESTIONS DO NOT CONTAIN NEGATIVE SEARCH PARAMETERS. IN ADDITION TO HAVING THE MONEY FOR THE SERVICE, A SUBSCRIBER NEEDS TO HAVE SUFFICIENT TECHNICAL AND CLERICAL STAFF AND FACILITIES FOR STORING THE PRODUCTS HE WILL RECEIVE AS PART OF HIS SUBSCRIPTION. EACH REQUEST FROM ORGANIZATIONS WISHING TO POOL COSTS FOR A SUBSCRIPTION TO THE INFORMATION SERVICE WILL BE DISCUSSED ON ITS OWN MERIT.

11/7/6 (Item 6 from file: 202)
DIALOG(R)File 202:Information Science Abs.

00005290 6900290
PROJECT INTREX.
Document Type: Report
Author (Affiliation): MASSACHUSETTS INSTITUTE OF TECHNOLOGY.
Publication Language(s): English
Source: SEMIANNUAL ACTIVITY REPORT, 15 MARCH 1967 TO 15 SEPTEMBER 1967. REPORT PR-4. 1967 SEPTEMBER 15. M.I.T., CAMBRIDGE, MASS. 49 P. 18 ILLUS. SEE ISA 69-289/M, 291/N.

THE FULL TEXT (INCLUDING PICTORIAL INFORMATION) OF AT LEAST 10,000 JOURNAL ARTICLES, REPORTS AND THESES ON 1) HIGH-TEMPERATURE METALLURGY, AND 2) RADIO FREQUENCY, MICROWAVE AND OPTICAL SPECTROSCOPY OF LIQUIDS AND SOLIDS, WILL BE STORED ON MICROFICHE; A CATALOG OF THESE 10,000 ITEMS WILL BE STORED ON DESK FILES OF THE MIT-MODIFIED IBM 7094 MULTI-ACCESS COMPUTER. THESE TWO FILES WILL FORM THE DATA BASE ENABLING PROJECT INTREX TO PERFORM "A PROGRAM OF EXPERIMENTS INTENDED TO PROVIDE A FOUNDATION FOR THE DESIGN OF FUTURE INFORMATION TRANSFER SYSTEMS." SPECIFICALLY, THE PROJECT CONCERNS ITSELF WITH TWO AREAS OF DEVELOPMENT: THE COMPUTER- STORED AUGMENTED CATALOG (INPUT, STORAGE AND RETRIEVAL , THE DISPLAY -CONSOLE SYSTEM) AND THE TEXT -ACCESS PROGRAM (MODULATION-TRANSFER-FUNCTION MEASUREMENTS, EXPERIMENTAL MICROFILM SYSTEMS, INVESTIGATIONS OF DISPLAYS , AND DESIGN OF THE TEXT -ACCESS SYSTEM). HARDWARE AND SOFTWARE PROBLEMS OF STORING A CATALOG OF 1,100,000 DOCUMENTS ARE ALSO EXPLORED. LISTS OF STAFF, AND LISTS OF PUBLICATIONS AND PAPERS GIVEN DURING THE 6-MONTH REPORTING PERIOD FOLLOW THE BODY OF EACH PROGRESS REPORT. WORKFLOW EVALUATION OF CATALOG INPUT PROCEDURES LED TO 2 CHANGES: 1) CATALOGING IS DONE FROM COPIES OF ORIGINAL DOCUMENTS , THUS ELIMINATING A HOLD-UP OF THE ORIGINALS, AND ALLOWING MARKING OF THE COPIES; 2) LOCAL GENERATION OF CITATION DATA WAS SUSPENDED IN FAVOR OF OBTAINING CITATIONS FROM OUTSIDE SOURCES (E.G., INSTITUTE FOR SCIENTIFIC INFORMATION). EXAMPLES ARE GIVEN OF HOW SPECIAL SYMBOLS ARE REPRESENTED WHEN THEY ARE NOT INCLUDED ON A KEYBOARD. A TOTAL OF 1500 DOCUMENTS HAVE BEEN CATALOGED. THE DISK FILES ARE COMPOSED OF: A) FULL CATALOG RECORDS; THESE ARE LOCATED BY A DIRECTORY, ALSO ON THE DISK , SINCE RECORD ARRANGEMENT IS "ARBITRARY"; B) INVERTED FILES (IF), CONSISTING OF A LIST OF REFERENCES AND ATTRIBUTES (SUBJECT-TERM WEIGHT, AUTHOR'S NAME, ARE LOCATED BY A DIRECTORY FOR A TITLE, SUBJECT TERM, OR AUTHOR'S NAME, ARE LOCATED BY A DIRECTORY IN ACTIVE CORE MEMORY . SEVERAL HUNDRED CATALOG RECORDS ARE NOW ON MAGNETIC TAPE. THE USER LANGUAGE AND WORKING PROGRAMS FOR FILE FORMATTING, SORTING, IF GENERATION, SEARCH ON IF LIST AND ATTRIBUTES, AND A FIELD RETRIEVER

ARE DISCUSSED. WORK ON VOCABULARY CONTROL, SYSTEM AND FILE MAINTENANCE, EXTENSIONS OF USER LANGUAGE AIDS, MACHINE-AIDED THESAURUS GENERATION, AND AUTOMATIC INDEXING IS BRIEFLY DISCUSSED. FOR A COLLECTION OF 1,000,000 DOCUMENTS , THE IF'S ARE EXPECTED TO CONSUME 09 BITS OF STORAGE , THE AUGMENTED CATALOG, MORE THAN 2 X 1010 BITS, BASED ON AN ESTIMATE OF 500 ENGLISH WORDS/CATALOG ENTRY. MOVABLE READ-HEAD MECHANISMS, ONE IN MOTION WHILE THE OTHER IS READING, COMBINED WITH THE STORAGE OF ON-LINE IF'S INTO ORDERED BLOCKS SHORT ENOUGHT FOR A SPEEDY SERIAL SEARCH WITHIN EACH BLOCK, SHOULD PROVIDE A HIGH-PERFORMANCE MODERATELY-PRICED SYSTEM FOR IF SEARCHES. A MASS-STORAGE DEVICE EXISTS EXCEEDING WORK CAPACITY NEEDS FOR THE IF; OPTICAL AND MAGNETIC MEDIA ARE BEING STUDIED FOR CATALOG FILE STORAGE . DETAILS OF THE DISPLAY -CONSOLE SYSTEM (TRANSFER OF DATA FROM ONE CONSOLE TO THE AUGMENTED CATALOG SYSTEM, CRT PROGRAMMABLE FUNCTION SWITCHES AND CRT OUTPUT , AND THE PROCESSOR IN THE BUFFER/CONTROLLER) ARE DESCRIBED AND ILLUSTRATED. DISPLAY SYSTEM SOFTWARE AND THE FUCTION OF EACH SUBROUTINE ARE DESCRIED. INVESTIGATIONS OF A SUITABLE CRT DISPLAY , INTERMS OF DEFLECTION, THE CHARACTER GENERATOR, AND THE LIGHT PEN ARE DISCUSSED. EXPERIMENTS WITH A TECHNIQUE FOR TRANSMITTING COLOR IMAGES OVER THE FACSIMILE SYSTEM (USING NEGATIVES MADE BY PHOTOGRAPHING THE COLOR IMAGES ONTO 3 SEPARATE FRAMES OF MONOCHROME FILM THROUGH A RED, A GREEN, AND A BLUE FILTER) WERE SUCCESSFUL. COMPLETED MEASUREMENTS OF THE MODULATION TRANSFER FUNCTIONS (MTF'S) OF THE CRT 'S AND LENSES OF THE SCANNER AND RECEIVER, UNDER VARIOUS OPERATING CONDITIONS "WILL PROVIDE A BASIS FOR CORRELATING A QUANTITATIVE MEASURE OF SYTEM PERFORMANCE WITH A SUBJECTIVE EVALUATION OF THE QUALITY OF THE TRANSMITTED IMAGE OF TEXT ." IMAGE STORAGE NEEDS (FRAME RATE) PROMPTED THE SEARCH FOR A SOFT (TRANSIENT) DISPLAY DEVICE IN WHICH THE STORED IMAGE IS EASILY ERASABLE, VERSUS THE USE OF CONVENTIONAL GRAPHIC RECORDING MEDIA. A SET OF REQUIREMENTS FOR THE DEVICE ARE LISTED. AN 11-INCH CATHODE RAY STORAGE TUBE (TEKRONIX, INC.) TRANSMITTING AND STORING 1000 SCAN -LINES IN 4 SEC. IS DESCRIBED, AS IS THE POSSIBILITY OF USING A TRANSIENT DISPLAY TERMINAL IN WHICH IMAGES ARE CREATED BY ELECTROSTATIC MEANS ON A DIELECTRIC MATERIAL. HIGH-RESOLUTION, FLICK-FREE DISPLAYS ARE DIFFICULT THROUGH THE USE OF MAGNETIC DISK STORAGE AND CRT DISPLAY . SOLUTIONS ARE DISCUSSED.

11/7/7 (Item 1 from file: 233)
DIALOG(R)File 233:Microcomputer Abstracts(TM)

0324976 93MM09-008
Peripherals: computers as power tools
Anderson, Glenn
Media & Methods , September 1, 1993 , v30 n1 p38, 71, 2 Page(s) ISSN: 0025-6897

Describes various audiovisual and media technologies that can be linked to computers to create power tools for creativity and problem solving. Describes the different printers available for outputting and sharing work: laser printer, ink jet printer, plotter, and dot-matrix printer. Says storage devices allow for storage and retrieving of files and applications: CD-ROM, portable and cartridge hard drive, and tape drives. Video accessories allow video to be on a computer: the video digitizer, the video NTSC converter, and the video TV. Audiovisual equipment enables still and full-motion images to be imported into the computer: still image video camera, LCD panel, and laserdisc and player. Says sound boards, external speakers, modems, fax/modems, and scanners are also important peripherals.

Includes one photo. (cr)

11/7/8 (Item 2 from file: 233)
DIALOG(R)File 233:Microcomputer Abstracts(TM)

0211486 90PK02-017
Filing system glues together diverse storage, LAN options First look
Schuyler, Chet
PC WEEK , February 5, 1990 , v7 n5 p23-24, 2 Pages ISSN: 0740-1604
Presents a favorable review of Alexsys EZ ($795; $1,295, $1,895, and $2,495 for 5-user, 10-user and unlimited users model, respectively, of the network version), an optical-image filing software package, from Courtland Marketing Inc. of Columbia, MD (301). Says Alexsys EZ aids in the merging of the functions of write once/read many (WORM) drives, optical scanners, networks and laser printers in order to build a large-capacity document-filing system for storing DOS and image file data. It offers well designed menus that aid in the organization of file cabinets and indexes. Contains one screen display. (asl)
?

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File   9:Business & Industry(R) Jul 1994-1996/Sep 20
         (c) 1996 Resp. DB Svcs.
File  15:ABI/INFORM(R) 1971-1996/Sep W4
         (c) 1996 UMI
File  16:IAC PROMT(R) 1972-1996/Sep 20
         (c) 1996 Information Access Co.
File  88:IAC BUSINESS A.R.T.S. 1976-1996/Sep
         (c) 1996 Information Access Co.
File 148:IAC Trade & Industry Database 1976-1996/Sep 20
         (c) 1996 Info Access Co
File 275:IAC(SM) Computer Database(TM) 1983-1996/Sep 20
         (c) 1996 Info Access Co
File 621:IAC New Prod.Annou.(R) 1985-1996/Sep 20
         (c) 1996 Information Access Co
File 624:McGraw-Hill Publications 1985-1996/Sep 17
         (c) 1996 McGraw-Hill Co. Inc
File 636:IAC Newsletter DB(TM) 1987-1996/Sep 20
         (c) 1996 Information Access Co.
?ds

Set     Items   Description
S1    2197893   DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?
S2      89897   S1(2N)(MANAG? OR HANDL?)
S3     483248   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
              DIGITI?
S4     850607   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
             IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5    2840720   STOR? OR MEMOR?
S6     269389   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7    2613897   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
             DU?
S8    1599194   PRINT? OR OUTPUT? OR OUT()PUT?

S11         79   S2(S)S3(S)S4(S)S5(S)S6(S)S7(S)S8
S12         58   RD S11 (unique items)
S13         10   S12/1995:1996

S17         48   S12 NOT S13
?£
t17/3,k/all
>>>KWIC option is not available in file(s): 621

 17/3,K/1     (Item 1 from file: 15)
DIALOG(R)File  15:ABI/INFORM(R)
(c) 1996 UMI. All rts. reserv.

00785569                                                94-34961
Picture this: Imaging is the new buzzword in records handling
Langemo, Mark
Office Systems  v10n10  PP: 18-23  Oct 1993
ISSN: 8750-3441  JRNL CODE: OFS
AVAILABILITY: Fulltext online. Photocopy available from ABI/INFORM 14239.00
WORD COUNT: 2407

...ABSTRACT:  organizations  are  to  be  successful  and  competitive.
State-of-the-art systems are needed to ****manage**** the ****documents****
,  data, and other records media that make work accomplishment possible and
success a reality in...

... 5,000,  one  can acquire the imaging system software, a graphics board,
```

and a good ****scanner**** . More extensive and office-wide systems will typically include a network, file server, fax server, optical ****disks**** , and high-resolution ****screens****. With the one-person system, there are multifunction capabilities to ****scan**** paper documents, do multifield indexing for comprehensive ****retrieval****, ****store**** documents in magnetic ****storage****, ****retrieve**** documents as needed, ****retrieve**** documents and data from other applications and integrate them, ****print**** copies as needed, and develop a base from which to expand to multiperson, networked, and...

17/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)

00579597 91-53944
Storage and Retrieval of Documentation at the United Nations
Piguet, Patrice
Computer Networks & ISDN Systems v22n2 PP: 87-102 Sep 1991
ISSN: 0376-5075 JRNL CODE: CNI
AVAILABILITY: Photocopy available from ABI/INFORM 42155.00

...ABSTRACT: United Nations (UN) produces approximately one million original pages of documentation each year. A proposed ****document**** ****handling**** system is described that would save ****storage**** space and handling and shipping costs and markedly reduce document access time. The system would rely on optical ****disk**** ****storage**** , data transmission links, and personal computers. The system's SARDE SA (logiciel d'archivage) software enables the operator to drive the image ****scanning**** process, ****store**** the data temporarily on the host magnetic ****disk****, verify input quality on the ****screen****, and provide indexing data. During the system's pilot project, some 200,000 pages of conference documents in the 6 official languages of the UN were input and routinely ****retrieved**** in real time from various ****retrieval**** stations, either on ****screen**** or as ****printouts**** . The inspection authorities of the organization have recommended that a fully operational optical ****disk**** system be installed in the UN starting in 1990-1991. ...

17/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)

00479776 90-05533
Image Management Systems
Bright, Julian
Telecommunications (International Edition) v23n12 PP: 59-60 Dec 1989
JRNL CODE: TIE
AVAILABILITY: Photocopy available from ABI/INFORM 12932.00

ABSTRACT: A growing number of companies are realizing the benefits of ****image**** processing and ****management**** to replace outdated ****document**** ****handling**** and filing practices. ****Image**** ****management**** involves the capture, enhancement, ****storage****, ****retrieval**** , and manipulation of image in all its forms, whether on paper or film. Regardless of the vendor, an ****image**** ****management**** system is usually supplied as a toolkit, which can be adapted by a systems integrator or software house to suit the customer's requirements. Once an image is ****scanned****, it can be

****displayed****, manipulated, ****printed**** , pasted, or merged into another document or dispatched by electronic mail to a remote location. The systems for ****storage**** can be either magnetic or optical ****disk****. Optical drives can be of the standalone type or incorporated into an optical library or...

17/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)

00431082 89-02869
Imaging Systems: Picture Perfect
Hylas, Robert E.; Keating, Wick; Gordon, Bruce
Best's Review (Life/Health) v89n7 PP: 60-65 Nov 1988
ISSN: 0005-9706 JRNL CODE: BIH
AVAILABILITY: Photocopy available from ABI/INFORM 1762.00
Article Ref. No.: B-BIH-21-12

ABSTRACT: Effective applications of image processing technology, which is a way to ****store**** electronic images of paper-based documents for subsequent ****retrieval**** and usage on ****video**** ****display**** terminals, have reduced manual ****handling**** of ****documents**** and files for a number of organizations, such as American Express and the US Automobile...

... full, large-scale installation. Typical integrated imaging systems have several major components, including an optical ****disk**** , an autochanger, ****scanners**** , workstations, a system network, software, and ****printers****. A critical element in the overall success of imaging systems is imaging system integrators who...

17/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/INFORM(R)

00386341 88-03174
Optical Disks in the Office
Canning, Bonnie
IMC Journal v23n5 PP: 9-10 Sep/Oct 1987
ISSN: 0019-0012 JRNL CODE: IMC
AVAILABILITY: Photocopy available from ABI/INFORM 5905.00

ABSTRACT: Optical ****disks****, in the form of write once, read many (****WORM****) systems, are designed to ****handle**** internal ****documentation****. A basic ****WORM**** optical ****disk**** system includes a ****scanner**** to convert pages to ****digitized**** images, a central processing unit (CPU), a high-resolution monitor, a laser ****printer****, indexing and ****retrieving**** software, and ****disks**** and drive. ****WORM**** systems ****store**** both digital data, created by word processing, spreadsheet, or graphics systems, and digital images, input by a ****scanner****. Capacity per ****disk**** is 400,000 digitally produced pages or 60,000 ****scanned**** pages. Data are ****retrieved**** and ****displayed**** quickly, and communication and network options make sharing of data possible. Once entered, data cannot be altered or deleted, ensuring data integrity. Optical ****disks****' protective coatings and cases provide immunity from hazards. Some limitations of ****WORM**** systems include: 1. expense, 2. design volatility, 3. lack of standardization, 4. untested archival capabilities,

5. variations in indexing and ****retrieval**** software, and 6. inability to change incorrect data.

17/3,K/6 (Item 1 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

05049253
Oracle Launches Video-on-Demand Server for Bell Atlantic Test Bed
New Oracle Media Server stores, retrieves, and manages audio, video, text, images & tables

Telecommunications (North American Edition) April 1994 p. 16
ISSN: 0040-2494

... for Bell Atlantic's spring-1994 home trials conducted in Virginia and Maryland. The server ****stores****, retrieves and ****manages**** audio, ****video****, ****text**** , images, and tables. Technology is based on Oracle 7 software and the Oracle Media server serves up prerecorded TV programs, movies, or ****digitized**** ****print**** selections. Oracle is also offeirng Oracle Media Objects, its authoring tool, to applications developers, which allows them to create multi-media interactive services and ****CD****-ROMs. ...

17/3,K/7 (Item 2 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

04071070
FileNet Corporation - Company Report

Investext August 25, 1992 p. 1-8

... specialized hardware subsystems in a distributed computing environment. Each system incorporates one or more optical ****disk**** ****storage**** and ****retrieval**** (OSAR) libraries. Founded in 1982, FileNet has been a pioneer in the development of this technology. When a customer uses a FileNet system, documents are entered through digital ****scanners****. They are then indexed and ****stored**** in an ****image**** ****management**** system (IMS) where they can subsequently be ****retrieved****, ****viewed****, and processed at workstations. System ****output**** can be accomplished by laser ****printers****, facsimile, or direct updates to computer files. The key element to the system is the...

17/3,K/8 (Item 3 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

03752332
NEW XIONICS CARD ACCELERATES IMAGING MOVE TO THE MASS MARKET

News Release January 27, 1992 p. 1

... Lightning/Plus provides users, developers and resellers of imaging systems a total solution for fast ****scanner****/****printer**** control, CCITT image compression/decompression, and enhanced image ****retrieval**** and ****display**** on VGA, color and gray-scale monitors. Technical

innovations in peripheral control, ****memory**** management and high-quality ****display**** set a new standard of performance, while the end user $1,995 list price is...

... Plus offers on a single card a complete low-cost solution for document image capture, ****storage****, ****retrieval****, ****display**** and ****output**** . The card transforms a basic 286 or 386 with 640 kb RAM and a VGA...

... the distinct demands of the PC mass market. For example, Xionics condensed the on-board ****scan****/****print**** control logic to eliminate the need for a daughter card, while retaining capability for pipelined, concurrent and background processing. Next, Xionics implemented its new Virtual ****Image**** ****memory**** ****management**** technique to enable Lightning/Plus to operate without relying on dedicated on-board image ****memory**** and without using PC ****memory****. As an image is ****scanned**** or read from ****disk****, the card divides it into small strips. Each strip moves directly from one subsystem on...

...e.g., scaling) until the entire image is processed. The full image never resides in ****memory****.

17/3,K/9 (Item 4 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

03705300
FUZZY PIONEER EXCALIBUR IN ORACLE, INFORMIX DEALS

Computergram International March 31, 1992 p. N/A
ISSN: 0268-716X
FULL TEXT AVAILABLE IN FORMAT 7 OR 9 WORD COUNT: 291

... directly into the database. The PixTex/EFS electronic filing system is an off-the-shelf ****document**** ****management**** control system that enables electronic text and images to be collected from ****disks****, ****scanners**** or facsimile machines and automatically filed and indexed in a graphical user interface of a physical file room. Excalibur's products use pattern recognition technology, which enables users to ****store**** text and images in one way and ****retrieve**** them another, based on repeating patterns in the text, integrating image ****scanning****, ****storage****, fuzzy search, ****display****, ****printing****, and SQL relational database control. ...

17/3,K/10 (Item 5 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

03533314
ELECTRONIC FILM LIBRARY PREVENTS FILM LOSS, CUTS COSTS

News Release December 2, 1991 p. 1

A million or more diagnostic images can be safely ****stored**** in an electronic film library using optical ****disk**** technology with the Kodak Ektascan Imagelink (TM) system. Images are quickly ****retrieved**** for softcopy ****viewing**** on high-resolution monitors or for ****printing**** by laser ****printers****. The system prevents lost films

and lost diagnostic information, as well as lost revenues due...

... by missing films. Warehousing, film duplicating, clerical, courier, and other costs associated with traditional film ****storage**** and distribution also can be reduced or eliminated. The result of a strategic alliance between Eastman Kodak Company and Vortech Data, Inc., the Imagelink system for diagnostic ****image**** and information ****management**** is being shown here at the annual meeting of the Radiological Society of North America at McCormick Place, today through December 6. Images ****retrieved**** from an Imagelink archive system are distributed via a local area network such as Ethernet. They can be ****displayed**** on a high-resolution Vortech Personal ****Display**** System, on a 3-D workstation, or ****printed**** with full fidelity on film using a Kodak Ektascan laser ****printer****. These images can be transmitted simultaneously to multiple locations--any number of times--with no degradation in quality. And every image remains secure and continuously accessible on optical ****disk****. Imagelink systems are available for two ****storage**** and ****retrieval**** applications: Electronic ****Image**** ****Manager**** and Electronic Page ****Manager****. The Electronic ****Image**** ****Manager**** ****stores**** ****images**** acquired by direct digital capture from modalities, film ****digitisers****, and computed radiography readers.
...

17/3,K/11 (Item 6 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

03200211
MINOLTA ANNOUNCES MI3MS ENHANCEMENTS, RELEASES MI3MS MX FOR SALE

News Release May 30, 1991 p. 1

...companion product, MI3MS MX, for sale. MI3MS 2000, a new addition to Minolta's digital ****document**** ****management**** product line is an optical ****disk**** subsystem that adds electronic imaging to existing information system environments without changing host software. It offers an affordable ****document**** ****management**** alternative by reducing the cost and time required to add imaging to existing data processing...

...IBM 5250 terminal emulation, as well as IBM 3270 emulation. A Write-Once Read-Many (****WORM****) optical ****disk**** -based system, MI3MS 2000 efficiently processes, ****stores****, distributes and ****retrieves**** digital images. New documents can be ****scanned**** and indexed into the imaging system at the same time they're being entered into the mainframe database, avoiding double data entry. And ****retrieval**** is as simple as calling up the mainframe database and selecting the document needed for ****viewing**** and/or ****printing****. The MI3MS MX Microform Conversion System, another member of the MI3MS family of digital ****document**** ****management**** systems, is being released for sale. MI3MS MX ****scans**** and ****digitizes**** images from microfilm or fiche. It was primarily designed for large scale film-to-digital...

17/3,K/12 (Item 7 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

03065066

RECORDS MANAGEMENT MEANS GOOD BUSINESS
Good records mgmt results in controlled way to produce, store & obtain documents

Office Systems April, 1991 p. 44-49

Gooc records management results in a controlled, systematic way to produce, ****store**** and obtain documents. Bar-coded labels can help to manage file folders, and computer-accessed databases can point out record-activity trends. Electronic document or ****digitized**** ****image**** ****management**** systems feature automated data entry, ****video**** ****displays**** , high capacity, and networking features. Micrographics provides inexpensive simple ****retrieval**** combined with space savings. Microfilm reader-****printer**** systems are being upgraded with automatic bimode ability, zoom lenses, 1-sheet feeding and motorized image rotation. Optical ****discs**** also help to save space, and are becoming more popular. No matter what type of ****storage**** and ****retrieval**** system is used, indexing is critical. ...

17/3,K/13 (Item 8 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

02945729
IMTECH AND BELL & HOWELL SIGN AGREEMENT FOR "COINS"

News Release December 11, 1990 p. 1

... signed an agreement which will allow Bell & Howell to private label OMTECH's "COINS" (Computer ****Output**** INformation System) PC-based optical data ****storage**** software. COINS allows computer ****output**** to be ****stored****, ****retrieved****, and ****viewed**** or ****printed****, eliminating the need for caper copies, computer ****output**** microfilm or expensive magnetic ****storage****. Under the terms of t e agreement, Bell & Howell will offer COINS in their product line under the name "Image Search Plus-5000" computer ****output**** data ****storage**** solution. The product complements the Bell & Howell "Image Search" microfilm and optical ****disk**** based ****document**** ****management**** systems by allowing users to electronically access both ****scanned**** image and computer ****output**** documents.
...

17/3,K/14 (Item 9 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

02915932
NEW EKTASCAN IMAGELINK SYSTEM SIMPLIFIES INAGING INFORMATION MANAGEMENT

News Release November 25, 1990 p. 1

An advanced, cost-effective system for diagnostic ****image**** and information ****management**** was introduced here today by Eastman Kodak Company and Vortech Data, Inc. With the new...

... computed tomography (CT), and other modalities. Images can be acquired from film radlographs with laser ****scanning****. Within a hospital these images can be sent electronically down the hall, across town or...

... Radiological Society of North America at McCormick Place, today through November 30. Images can be ****stored**** and ****retrieved**** with advanced optical-****disk**** archiving, and manipulated to suit ****viewing**** requirements and preferences. They can be ****displayed**** on personal computer systems with high-resolution ****screens**** for full image enhancement. And, they can be recorded with full fidelity on film using laser ****printing**** , and reproduced on paper with high-quality thermal ****printing****.

17/3,K/15 (Item 10 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

02235383
OPTIGRAPHICS ANNOUNCES IBM PLATFORMS FOR DOCUMENT AUTOMATION SYSTEMS

News Release June 5, 1989 p. 1

... System/2 (PS/2) and RT Personal Computers (RT PC). The systems will be on ****display**** at the Association for Information and ****Image**** ****Management**** (AIIM) tradeshow in San Francisco where Optigraphics will exhibit in both the IBM booth and...

... and in Optigraphics booth at the AEC tradeshow in Anaheim, California. Optigraphics CURATOR (TM), the ****document**** ****management**** software which is the basis of all Optigraphics document automation systems, will now be offered...

... a relational database which provides sophisticated indexing, access control and related management functions for the ****storage**** and ****retrieval**** of technical documents ****images****. The system ****manages**** ****document**** ****images**** ****stored**** on optical and magnetic ****disks**** as if they were physical documents filed in a conventional manner. Image-rated PC workstations...
... PC-AT, and now on the IBM PS/2 personal computer, are Optigraphics completely integrated ****scanning****, drafting, ****viewing****, editing and ****print**** server workstations. The new OptiDRAFT Station, a technical drawing creation and revision tool, is also...

17/3,K/16 (Item 11 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

02107802
BASIS/Images Enhancement Handles Scanned Document Pages

News Release December 14, 1988 p. 1

Information Dimensions, Inc. has announced a significant enhancement to its BASIS/****Images**** ****image**** ****management**** software. BASIS/ ****Images**** Pages Image now offers the capability to ****scan****, ****digitize****, ****display**** and process document page images for use in conjunction with the BASIS ****text**** information ****management**** system. This new capability complements BASIS/Images Picture ****Image**** functions for ****managing**** photographs and ****graphic**** art images. With BASIS/Images, Information Dimensions is the first ****text**** information ****management**** system (TIMS) supplier to integrate

****image**** ****management**** with a full- function TIMS. Examples of BASIS/Images Page Image applications include technical reporting, regulation tracking, ****documentation**** ****management****, litigation databases, product maintenance manuals, and other activities requiring the capture of original materials. As...

... users conduct BASIS text searches, windows containing descriptions of referenced images appear on the monitor ****screen****. BASIS/Images then ****retrieves**** and ****displays**** images selected by the user, or the program can be set to ****display**** images automatically as they are encountered. A windowing capability allows both the original page image and the active BASIS search session to be ****viewed**** simultaneously. With BASIS/Images, users can quickly ****scan**** documents into the system. In addition to ****storing**** a bitmap image of the document, the system creates an ASCII version of text context for subsequent ****display**** editing and manipulation. ****Scanned**** images of ****printed**** document pages in black and white with line drawings and monochrome pictures are ****stored**** on ****CD****-ROM, ****WORM**** and Winchester drives attached to DOS PC workstations. Images are ****scanned**** at 100 to 300 dots per inch (dpi) using a desktop or production ****scanner****.

17/3,K/17 (Item 12 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

01872317
WANG LAUNCHES ITS IMAGING SYSTEM AT W.I.T.S

News Release November 30, 1987 p. 1

A fully integrated capture, archival, indexing and ****retrieval**** system for all non-computerised information is today launched in the UK by Wang, at the Wang Integrated Technology Show. Images are captured using a digital ****scanner**** and transferred to the host Wang VS mini computer. These images are then written onto 12 inch Write Once Read Many (****WORM****) optical ****disks**** capable of ****storing**** 20,000 document images per side. The filing, search and ****retrieval**** of ****images**** is ****managed**** by the relational database management system of PACE. WIIS supports both image capable workstations and standard workstations. For image ****display**** the new 16 inch 42501MG workstation with 200 dpi resolution or the 12 inch image...

... flipping, reduction and enlargement. Standard VS workstations can query PACE and WIIS databases, copy and ****print**** images and perform administrative functions. Both thermal and laser imaging ****printers**** are supported.

Full text available on PTS New Product Announcements.
...

17/3,K/18 (Item 13 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

01863837
High Speed Scanning Comes to the Macintosh

News Release December 28, 1987 p. 1

Micro Dynamics, Ltd. of Silver Spring, Maryland will be demonstrating a high speed document ****scanner**** which has recently been incorporated into their Macintosh-based ****document**** ****management**** system, Micro Dynamics MARS (Multi-user Archival and ****Retrieval**** System) at the MacWorld show here January 15-17. The flatbed ****scanner**** ****digitizes**** a letter-size page at 200 dpi in about three seconds. It ****scans**** up to B- size engineering drawings (11"x17") and has an optional automatic document feeder...

... and 64 steps of gray scale will be available. Micro Dynamics MARS provides permanent, compact ****storage**** and on-line access to vast quantities of documents. In addition to the new high speed ****scanner**** , the system incorporates other state-of-the-art technologies including write-once optical ****disk**** drives, local area networks (including EtherTalk), and laser ****printers****. It ****stores**** both ****scanned**** paper documents and computer-generated documents such as spreadsheets, words processing, engineering drawings, and 24-bit color graphics. Fast, accurate ****retrieval**** of ****stored**** documents is a central feature of the system. A proprietary database -- optimized for speed, and...

... on the network to quickly find a desired document, even among millions of others. The ****retrieved**** document can then be ****viewed****, ****printed****, revised, or distributed electronically.
Full text available on PTS New Product Announcements.
...

17/3,K/19 (Item 14 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

01795714
Managing records has new meaning
Article discusses how govt managing records with automated image management technology

Government Computer News October 9, 1987 p. 37
ISSN: 0738-4300

An overview is presented of how the federal government is using automated ****image**** ****management**** techniques to ****handle**** government records. ****Image**** processing, at its most basic, involves the changeover of record handling and ****storage**** from manual paper format to electronic form. The concept of image processing also has shifted ...

... as Xerox, Panasonic, Eastman Kodak and duPont. In 1987, images are processed by photocopiers, laser ****printers****, ****scanners****, ****OCR**** devices, electronic plotters, micrographics systems, facsimile equipment, still cameras, ****video**** products and computer graphics systems. Key government agencies are exploring document intensive systems which include...
... 7 mil contract to Integrated Automation for the design of the IRS Files Archival Image ****Storage**** and ****Retrieval**** System and the Treasury Dept awarded a contract to Automated Data Mgmt for integration of microcomputers and ****CD**** -ROM-based peripherals. Document intensive systems are part of a larger government trend toward systems...

17/3,K/20 (Item 15 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

01728669
Optical disks reduce information-management problems
Minnesota Mining & Mfg: Has introduced its DocuLink optical recording sys for CAD applications

Machine Design June 25, 1987 p. 18
ISSN: 0024-9114

3M has introduced its DocuLink optical recording systems, which is a family of optical-****disc**** based systems to be used for ****storage**** , control, and distribution of technical drawings and engineering documentation. The DocuLink systems provide a way to transfer data from aperture cards, paper documents, and CAD to optical ****discs****. DocuLink comprises 4 major subsystems: The document-entry subsystem, where ****scanners**** ****digitize**** data for transfer to optical ****disc**** ; the ****image****-****management**** subsystem for recording and organizing data; the ****retrieval**** and ****display**** subsystem; and the ****printer**** subsystem. ...

17/3,K/21 (Item 16 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

01709958
LOW-COST OPTICAL DISK FILING SYSTEM UNVEILED BY EASTMAN KODAK COMPANY.

NEWS RELEASE April 28, 1987 p. 12

Eastman Kodak Company today introduced the Kodak ****Image**** ****Handler**** system. Using a personal computer, a compact 5 1/4-inch optical ****disk**** format, a desktop ****scanner**** and a laser ****printer**** , the product offers a complete information management system for less than $50,000. The document filing system integrates document capture, indexing, optical ****disk**** ****storage**** , computer-assisted ****retrieval**** and high-resolution ****CRT**** ****display****, as well as laser ****printing**** in a stand-alone, single-user workstation. Data ****storage**** and ****retrieval**** on the stand-alone KIMS system 3000 is provided through one or two manually-inserted 12-inch optical ****disk**** drives, giving users on-line access to as many as 60,000 document images at any one time. The Kodak ****Image**** ****Handler**** system is intended for lower-volume business and government applications with a typical user capturing...

... documents per day on average. Many applications are "sized" efficiently for the capacity of the ****Image**** ****Handler**** system, Lacy said. He cited signature verification in banks and accounting records in medium-size businesses as key applications. The ****Image**** ****Handler**** system will initially offer 240 me8abytes of information per ****disk****. Higher density optical ****disks**** , up to 800 megabytes, are expected to be available before year-end. The system uses an IBM Personal Computer equipped with ****disk**** drives and special image processin8 and peripheral interface boards. The latest Kodak document indexing and ****retrieval**** software manages the information ****stored**** on the system. A 15-inch monitor provides 300 dots-per-inch horizontal by 150 dots- perinch vertical resolution. Using a "portrait" aspect ratio (the

****display**** ****screen**** is taller than it is wide), this monitor provides windowing, zoom and rotation capabilities, plus the ability to ****display**** standard 80 character by 25-line text. The 5 1/4-inch optical ****disk**** is capable of ****storing**** thousands of images per side, dependin8 on the document size, document content and ****scanning**** resolution. The optical drive can be mounted internally in the personal computer or externally. ...

17/3,K/22 (Item 17 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

01641275
KODAK JUMPS INTO WORMS.

VIDEOPRINT May 22, 1987 p. 7,8

Kodak has unveiled a full turnkey information system based on the 5.25'' optical ****disk**** format. The ****Image**** ****Handler**** includes a desktop ****scanner****, a laser ****printer**** and a document filing system integrating document capture, indexing, optical ****disk**** ****storage****, computer-assisted ****retrieval**** and high resolution ****CRT**** ****display**** . It will at first offer 240 Mbytes of information/****disk****, although density ****disks**** up to 800 Mbytes are expected to be offered by end-1987. The monitor, allowing...

... dots/in vertical resolution, can provide windowing, zoom and rotation. The Write Once Read Many (****WORM****) market exists for the ****Image**** ****Handler**** that is based on an IBM PC with ****disk**** drives and image processing and peripheral interface boards. ****WORM**** systems have a niche market to fill wherever business must ****store**** large amounts of data permanently, the ****Image**** ****Handler**** going beyond straight data to provide image ****storage****.

17/3,K/23 (Item 18 from file: 16)
DIALOG(R)File 16:IAC PROMT(R)

01492981
FILENET BREAKS INTO THE BLACK.

ORANGE COUNTY BUSINESS JOURNAL (CA) October 10, 1986 p. 6,71

FileNet's (Costa Mesa, California) basic document imaging system can ****store**** 2.5mil pages of images,equivalent to the contents of 220 five-drawer file cabinets...

... line to capitalize on the growing trend towards a paperless office. Its system produces a ****digitized**** picture of ordinary paper, which can be ****displayed**** on a high-resolution terminal. Buyers for this type of system are Fortune 500 companies...

... into the development of the base image processor, which consists of an entry station to ****digitize**** the ****document****, an ****image**** ****management**** system for ****storage**** and indexing, a ****storage**** and ****retrieval**** library to hold optical ****disks**** , and ****output**** devices such as laser writers. The system's minimum cost is $328,000. Major FileNet...

17/3,K/24 (Item 1 from file: 88)
DIALOG(R)File 88:IAC BUSINESS A.R.T.S.

02261971 SUPPLIER NUMBER: 07747623 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Imaging. (electronic imaging systems)
Weber, Samuel
Electronics, v62, n7, p60(5)
July, 1989
CODEN: ELECA ISSN: 0883-4989 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2225 LINE COUNT: 00213

... the Series 3000. The 3100 system has centralized image-management servers cabled to a document ****scanner****, ****printer****, and image terminal. Users can also attach multiple optical-****disk**** units, each containing one or two optical-****disk**** drives, or optical ****storage**** and ****retrieval**** (OSAR) libraries containing up to 288 optical ****disks****. The 3100 accommodates up to four cluster work stations, each with up to four image ****displays**** for a total of 16 users.
At the high end, the 3500 system is designed...

17/3,K/25 (Item 2 from file: 88)
DIALOG(R)File 88:IAC BUSINESS A.R.T.S.

02083986 SUPPLIER NUMBER: 06817180 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Desktop computing and networks for tomorrow. (includes related articles) (Special Advertising Supplement)
Weiszmann, Carol
Forbes, v142, n12, pAA1(7)
Nov 28, 1988
CODEN: FORBA ISSN: 0015-6914 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 3264 LINE COUNT: 00333

... optical disks with erasable memory--like Tandy's Thor-CD--become cost-effective.
Digital document ****storage**** and retrieval (DDSR) systems are a high-end optical ****disk****-based ($30,000 to $2 million) alternative to the paper glut. DDSR systems consist of input ****scanners****, cameras, image controllers, optical ****disk**** ****storage****, ****printers**** and a host computer. They can ****manage**** thousands of ****documents**** with millions of pages, handling input, ****viewing****, manipulating, ****storing****, ****retrieving****, ****printing**** and communications.
Toshiba's Tosfile 3200 has a 3.6-gigabyte memory capacity and can...

17/3,K/26 (Item 1 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database

07305318 SUPPLIER NUMBER: 16124814 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Imaging for PC/Windows now: for business, sciences & the arts. (Cover Story)
Buxbaum, Dan

Advanced Imaging, v9, n6, p20(10)
June, 1994
DOCUMENT TYPE: Cover Story ISSN: 1042-0711 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 9442 LINE COUNT: 00767

... is an open-architecture image and data management software package taking full advantage of optical ****disk**** technology under Windows. The software allows users to take documents and ****scan****, ****store****, ****retrieve****, ****view****, ****print****, fax or route them through its integrated workflow module. The latest release of FYI features...

17/3,K/27 (Item 2 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
(c) 1996 Info Access Co. All rts. reserv.

06436850 SUPPLIER NUMBER: 13765539 (USE FORMAT 7 OR 9 FOR FULL TEXT)
LaserData branches out with image-management software. (GroupFile for Windows) (Product Announcement)
Higgins, Steve
PC Week, v10, n16, p60(1)
April 26, 1993
DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 364 LINE COUNT: 00029

...ABSTRACT: networks will be the company's first venture into software publishing. Groupfile, used with a ****scanner**** and optical ****disk**** drive, allows a workgroup to place its paper documents on an imaging server and ****view**** them on-****screen****. Electronically ****stored**** documents can be ****retrieved****, altered, ****printed****, duplicated, annotated and forwarded. Hot links let users bond groups of documents together electronically. A...

17/3,K/28 (Item 3 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
(c) 1996 Info Access Co. All rts. reserv.

06167074 SUPPLIER NUMBER: 12755674 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The promise of electronic document management. (electronic document management systems)(includes related articles on planning tips for EDMS installation and use of digital photos in document imaging systems) (Cover Story)
Frappaolo, Carl
Modern Office Technology, v37, n10, p58(5)
Oct, 1992
DOCUMENT TYPE: Cover Story ISSN: 0746-3839 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2077 LINE COUNT: 00172

...ABSTRACT: with the aim of improving an organization's information resources and optimizing business functions. EDMS ****storage**** primarily involves optical media, such as WORMs, ****CD****-ROMs, and erasable optical ****disk****, although magnetic media are still used. EDMS hardware often consists of a high-capacity ****storage**** system, a 200-400 dpi ****scanner****, a laser ****printer****, a 640-by-480 pixel graphic ****display**** terminal, and ****retrieval**** software. The systems generally fall into one of three types of architecture. There are

standalone...
...systems and client/server systems. EDMS can manage all types of documents, which are usually ****scanned**** into the system. EDMS prevent misfiling and permit network access and simultaneous ****viewing****. Concept-based text ****retrieval**** and multimedia systems are two advances in information ****retrieval**** possible with EDMS.

17/3,K/29 (Item 4 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database

05904617 SUPPLIER NUMBER: 12369971 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Apple protege SoftCore of Brussels hits UK to push Mac-based document system.(A SoftCore NV enters UK market)
Computergram International, CGI06110007
June 11, 1992
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 830 LINE COUNT: 00069

... ArchIS Documentation. The company says ArchIS File has enabled it to bring the cost of ****document**** ****management**** systems down to #10,000, from around #50,000. The former price will now buy a standalone Macintosh-based system, including ****scanner****, optical ****disk**** and all necessary software. SoftCore managing director Gerrit Bus claims that, although there are plenty of peripherals on the market - such as ****scanners**** and jukeboxes, there is a relative scarcity of applications software available; SoftCore hopes to change all that. ArchIS File enables users to import, ****store****, ****retrieve**** and ****output**** a variety of types of document, ranging from straight text to X-ray photographs and ****digitised**** ****video****, directly onto the desktop. Ms Bus highlights its facility for enabling users to organise and ...

17/3,K/30 (Item 5 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database

04873903 SUPPLIER NUMBER: 09635739 (USE FORMAT 7 OR 9 FOR FULL TEXT)
And Kodak, Vortech offer X-ray transmission system. (Eastman Kodak Co, Vortech Data Inc)
Computergram International, n1566, pCGI113000003
Nov 30, 1990
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 175 LINE COUNT: 00016

TEXT:
system for diagnostic ****image**** and information ****management****. The Kodak Ektascan Imagelink system is designed to capture images from computed tomography, magnetic resonance...

...and other modalities within a hospital, and send them electronically across the US. Images are ****stored**** and ****retrieved**** with optical-****disk**** archiving, and can be manipulated to suit ****viewing**** requirements and preferences. They can be ****displayed**** on personal computer ****screens****, high-resolution ****screens**** or distributed to three-dimensional workstations. They can be recorded with full fidelity on film using laser ****printing****, and reproduced on paper with high-quality thermal ****printing**** - doctors ****digitise****

images directly into the computers without definition loss, trasmitting them to other doctors who can ****print**** out copies and collaborate on interpretation, saving additional patient visits. The modular system is from...

17/3,K/31 (Item 6 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database

03904281 SUPPLIER NUMBER: 07303180 (USE FORMAT 7 OR 9 FOR FULL TEXT)
IBM announcements: IBM goes to Image Business Systems to fit out RT, multiple PS-2s for image processing.
Computergram International, n1187, CGI05300008
May 30, 1989
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 954 LINE COUNT: 00085

TEXT:
...Corp, New York. ImageSystem is described by its developer as a local area network-based ****document****-****handling**** imaging application that runs on the RT under AIX Unix.It enables the RT to...

...as claims processing, invoicing and accounts receivable reconciliations - transaction-oriented business applications where imaging and ****OCR**** can help overcome paper bottlenecks, and Image Business Systems reckons that implementations typically begin as...

...but generally bring customer service and other intangible benefits as well.ImageSystem comprises CentralStation, TaskStation, ****ScanStation**** , OCRStation and DeviceStation software, and is designed to provide a customisable software architecture for creating integrated image-oriented business applications.The components support image capture, ****optical**** ****character**** ****recognition****, file folder and work queue management, as well as text, data, and image manipulation.The CentralStation element provides the file management, magnetic and optical ****disk**** support, optional jukebox management, tape back-up, workstation queuing, and optional mainframe interface support.It...

...RT, plus the Sybase relational database manager.TaskStation is a set of customisable routines for ****image**** ****management****, making use of multi-tasking on the personal computer.It provides the user interface to...

...user the ability to perform applications-specific functions that involve folder inquiry and browsing, image ****viewing**** and manipulation, data entry and mainframe communications.Folders can be indexed, classified, reviewed and manipulated.A personal computer can accept work from CentralStation, request images from folders ****stored**** on CentralStation, or direct ****output**** to a peripheral device - and the code can also be integrated with existing mainframe applications...

...four modes of operation - inquiry, indexing, data entry and repair.Inquiry mode is used to ****retrieve**** and ****display**** ****stored**** images, and has the capability to zoom and rotate images, and to append information to...

...indexing, data entry and repair modes, TaskStation receives documents that were not automatically indexed by ****ScanStation**** or OCRStation, so that the operator can complete the indexing or data entry operations manually.Low speed document ****scanning**** and image ****printing**** are

also supported on TaskStation.It comes as source code for the basic TaskStation functions...

...peripherals required for image configurations need an AT-bus machine.It requires at least 3Mb ****memory****, and a high resolution monitor is recommended; VGA is also supported, and may be adequate...

...of TaskStation are supported on 80286-based processors, but without the windowing and multitasking capabilities. ****ScanStation**** provides the software for unattended capturing of images for ImageSystem, and supports a variety of high speed ****scanners****, compressing the resulting images; an optional barcode recognition feature locates and interprets any barcodes and...

...automatically. All images not automatically indexed are passed to CentralStation for indexing at another station. ****ScanStation**** supports the optional ****OCR**** function by providing a facility to mark documents under program control for subsequent routing to OCRStation. OCRStation is an optional component that creates an ****optical**** ****character**** ****recognition**** server in ImageSysem applications.It includes the capability to define fields on forms, which enables the use of ****optical**** ****character**** ****recognition**** in data entry.It enables users to translate information from typewritten or computer ****printed**** forms into machine-readable text which can then be ****managed**** by ****ImageSystem**** for indexing purposes, and integrated with mainframe applications.Form-specific, intelligent post-processing allows for...

...data on the form.And DeviceStation provides support for peripheral functions, such as batch image ****printing****, and for facsimile input from phone lines.Facsimile ****output**** can be sent over phone lines to devices capable of receiving it.An 80286-based AT-alike running MS-DOS 3.3 is good enough for the ****ScanStation****, OCRStation and DeviceStation; CCITT Group III or IV or IBM MMR compression are supported on ****ScanStation****. CentralStation is a one-time $25,000; Jukebox Support is $10,000; Mainframe Communication Support $5,000; TaskStation is $1,500; ****ScanStation**** $12,500; Barcode Recognition Software $11,000; OCRStation, $12,500; DeviceStation, $1,500; and DeliveryStation...

17/3,K/32 (Item 7 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database

03900038 SUPPLIER NUMBER: 06967948 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Second Annual Directory of Human Resources Services, Products and Suppliers, January 1989. (directory)
Personnel, v66, n1, pD1(167)
Jan, 1989
DOCUMENT TYPE: directory ISSN: 0031-5702 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 155534 LINE COUNT: 14711

... Ball, Manager, Client Services
No. of Employees: 38+
BNA PLUS is the custom research and ****document**** ****retrieval**** service of The Bureau of National Affairs, Inc. BNA PLUS researchers draw on the editorial...829-1954

Contact: Audrey Roholt, Vice-President
Minneapolis The Alexander Consulting Group, Inc., 4000 Olson
****Memorial**** Highway, P.O. Box 1360, Minneapolis, MN
55440; 612-520-3000 Coopers & Lybrand, 1000 TCF...

17/3,K/33 (Item 8 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
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03899905 SUPPLIER NUMBER: 07508457 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Minolta introduces its first optical disc system. (MI3 MS 1000) (product announcement)
Information Today, v6, n3, p17(2)
March, 1989
DOCUMENT TYPE: product announcement ISSN: 8755-6286 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 644 LINE COUNT: 00053

... employing either of two components: . DS-1000 Digital Document Scanner, digitizes original paper documents for ****storage**** on optical disc, hard disk, or ****viewing**** on the workstation ****display****. It can feed and scan 20 hard copy originals per minute with 300 dots per...

...document feeder can handle page sizes up to 11" X 17". . MS-1000 Digital Microform ****Scanner****, operates in the same manner as the document ****scanner****, but ****digitizes**** microfilm in the form of 16mm rolls or cartridges, microfiche, jackets or aperture cards, instead of paper. Images can be ****scanned**** and ****digitized**** for remote ****viewing**** and ****printing**** or for optical ****disc**** filing and ****retrieval**** at a later date.
MI3MS 1000 employees an optical disc-based storage and retrieval system...

17/3,K/34 (Item 9 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database
(c) 1996 Info Access Co. All rts. reserv.

03881763 SUPPLIER NUMBER: 07100742 (USE FORMAT 7 OR 9 FOR FULL TEXT)
FOSE '89 a preview of who's there. (directory)
Government Computer News, v8, n4, p68(4)
Feb 20, 1989
DOCUMENT TYPE: directory ISSN: 0738-4300 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1447 LINE COUNT: 00137

TEXT:
...Inc. Capital Computer Digest Capital PC Users Group Cartridge Connection Cauzin Systems CBIS Cellular Phone ****Stores**** Charles W. Williams Inc. Chronos Software C. Itoh Electronics Inc. Clancy-Paul/Valcom Clinton Computer...

...Computers Danyl Corp. Data Access Corp. DataEase International Inc. Data Inc. Data-Mate Inc. Data ****Retrieval**** Corp. Datatech Business Machines DCA/10-Net Deerfield Systems Dell Computer Corp. Delrina Technology Inc...

...Fax Directories Corp. Digital Communications Associates Inc. Digital Learning Systems Inc. Digital Research Inc. Digital ****Storate**** Systems Inc. DIS Inc. DocuPro Inc. Donnelly & Associates Inc. DSI Micro Inc. Dyna

Rep Distributors...

...Gescan International Inc. GlareGone-DRM Inc. Globalink Language Services Government Computer News Government Executive Government ****Printing**** Office Government Products News Government Technology Services Inc. Grafpoint Inc. Graphic Enterprises of Ohio Inc...

...Kurzweil Computer Products Inc. Kyocera Unison Inc. Labelon Corp. LaserData Inc. Laserdrive Ltd. Laser Magnetic ****Storage**** International Co. Laticorp Inc. Lexitronix Inc. Linktek Linotype Co. Logical Operations Lotus Development Corp. MacWeek Magee Enterprises Inc. ****Management**** ****Graphics**** Inc. Mannesmann Tally Corp. Manpower Inc. Map Info Corp. MathSoft Inc. MEA Leasing Inc. Medica...

...Inc. Micron Technology Inc. MicroPro International Corp. Microrim Inc. Microsoft Corp. Microtek Labs Inc. Micro ****Video**** Learning Systems Inc. Mini Micro Business Systems Minolta Corp. Mitsubishi Electronics America Inc. Modern Office...

...Guide Omnicomp Graphics Corp. Omnifax/Teleautograph On-Line Software International Inc. Optical Cable Corp. Optical ****Disk**** Institute Optical Recording Corp. Optimen Oracle Corp. Osborne-McGraw-Hill ****Output**** Technology Corp. Panamax Panasonic Industrial Co. Pansophic/Micrographix Pansophic Systems Inc. PC Consultants PC Craft... Inc. Robert P. Gillottee Co. Rose Electronics Samna Corp. Santa Cruz Operation Inc. Savin Corp. ****Scantron**** Corp. Schroff Development Corp. Schwab Safe Co. Scriptomatic/Cheshire Inc. Scriptwriter Second City Systems Seiko...

...Corp. Shaw/Walker Co. Skan Technologies Soft Switch Inc. Software Group Software Publishing Corp. Software ****Stores**** International Sony Corp. of America Spacesaver Systems Inc. Stacor Corp. Starkey Labs Staategic Software Planning...

17/3,K/35 (Item 10 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database

03712403 SUPPLIER NUMBER: 07040803 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Imaging tools coming to Mac. (Macintosh)
Perrow, Jonathan
MacWEEK, v2, n41, p9(1)
Oct 11, 1988
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 559 LINE COUNT: 00044

...ABSTRACT: Apple Computer Inc's in-house image-processing system that will allow Apple employees to ****print****, ****view****, ****store**** and transmit technical documentation in compressed raster format. Blueridge Technologies' $1,500 Image Processing board...

...is developing an Image Processing board to be incorporated into Micro Dynamics' Multiuser Archival and ****Retrieval**** System, which uses a Fujitsu 3095 ****scanner**** to ****scan**** up to 11-by-17-inch documents, 3.2Gbyte Sony ****WORM**** drives and a Sony jukebox. The system can archive, search and ****retrieve**** 200Gbytes of image or document data. The system sells for between $50,000 and $500...

17/3,K/36 (Item 11 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database

03711075 SUPPLIER NUMBER: 06761254 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Optical storage products at the 1988 AIIM conference. (Association for Information and Image Management)
Saffady, William
Optical Information Systems, v8, n5, p233(9)
Sept-Oct, 1988
ISSN: 0886-5809 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 5694 LINE COUNT: 00491

... company best known for its automated microfilm retrieval units, demonstrated ImageView, a media-independent document ****storage**** and retrieval system that can incorporate optical ****disks****, microfilm, and magnetic ****storage**** components. The system's data management software keeps track of document images ****stored**** on various media and retrieves them in a manner that is transparent to the user. An entry-level configuration features a 5.25-inch optical ****disk**** drive, a document scanner, a microcomputer-based data base ****management**** server, a ****document**** ****display**** station, and a laser ****printer****. The system architecture relies on AT-compatible hardware and can support various networking and mainframe...
...WIP) software helps organizations manage departmental paper flow and maintains a historical audit trail of ****documents****. A Drawing ****Management**** Software (DMS) package facilitates the ****retrieval**** and distribution of technical drawings in applications where a full computer-aided design system is...

17/3,K/37 (Item 12 from file: 148)
DIALOG(R)File 148:IAC Trade & Industry Database

03273287 SUPPLIER NUMBER: 05052687 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Initial public offering of 1,750,000 shares of Filenet common stock at $16 per share.
PR Newswire, NY37
July 21, 1987
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 314 LINE COUNT: 00027

... designed to improve the productivity and customer service capabilities of organizations that process, file and ****retrieve**** substantial volumes of paper documents. FileNet's systems combine extensive software with specialized hardware subsystems in a distributed computing environment. With a FileNet system, documents are entered through digital ****scanners****; indexed and ****stored**** in an ****image**** ****management**** system that includes one or more OSAR optical ****disk**** ****storage**** and ****retrieval**** libraries; ****retrieved****, ****viewed**** and processed at multifunction, high resolution workstations; and ****printed**** by laser ****printers****. FileNet believes it was one of the first companies to develop and market an optical ****disk****-based document image processing system. The company is headquartered in Costa Mesa, Calif.
/CONTACT: Marge...

17/3,K/38 (Item 13 from file: 148)

DIALOG(R)File 148:IAC Trade & Industry Database
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02956088 SUPPLIER NUMBER: 04775782
Micrographic retrieval, optical disk square off.
Newman, Donald J.
Government Computer News, v5, n25, p46(1)
Dec 19, 1986
ISSN: 0738-4300 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: Both micrographic computer-assisted ****retrieval**** systems and optical ****disk**** ****document**** ****management**** systems offer the same basic functions: capture, ****storage****, ****retrieval****, transmission, and duplication of document images. The two systems differ in operation and in their...

...on microfilm and are suitable and cost effective for systems that organize documents chronologically. Optical ****disk**** systems ****scan**** a document and convert the data to pixels, and offer the advantage of real time access. Optical ****disk**** systems provide faster ****retrieval**** than micrographics systems on the surface, but there are trade-offs involved. For example, ****printing**** from an optical ****disk**** requires a costly high-resolution ****display**** and a laser ****printer****.

17/3,K/39 (Item 1 from file: 275)
DIALOG(R)File 275:IAC(SM) Computer Database(TM)
(c) 1996 Info Access Co. All rts. reserv.

01605715 SUPPLIER NUMBER: 13987143 (USE FORMAT 7 OR 9 FOR FULL TEXT)
How document imaging saves paper, time, and money. (includes related articles on Excalibur Technologies Corp.'s PixTex/EFS imaging software's pattern-recognition indexing technology and Lockheed Advanced Development Corp.'s implementation of it) (DN&R Strategies)
Simpson, David
Digital News & Review, v10, n11, p67(4)
June 7, 1993
ISSN: 1065-7452 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3570 LINE COUNT: 00293

... imaging and workflow applications. A complete image management system has to address image capture, import, ****storage****, ****display****, ****printing****, and distribution. Once an MIS department gets these technologies in place, they're bound to crave adding voice, ****video****, and other advanced technologies. It's not surprising, then, that most users bring in consultants...

17/3,K/40 (Item 2 from file: 275)
DIALOG(R)File 275:IAC(SM) Computer Database(TM)
(c) 1996 Info Access Co. All rts. reserv.

01531634 SUPPLIER NUMBER: 12515242 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Wire services, picture desks, image manipulation and archiving, etc. (ANPA '92: midrange systems, color, output, digital graphics, libraries)
Solimeno, William J.; Tribute, Andrew; Karsh, Arlene E.; Edwards, Stephen E.; Joner, Urban
Seybold Report on Publishing Systems, v21, n20, p30(9)
July 15, 1992

ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 6995 LINE COUNT: 00549

... images.
The prototype system was demonstrated with AXS's ImageAccess image database management software. Thumbnail ****views**** of ****scanned**** images were ****stored**** on a hard ****disk**** for fast access during search and browse operations. Multiple higher-resolution versions of the image could be ****retrieved**** to the Mac ****display**** from the ****CDs**** in the jukebox for manipulation, editing and transfer to page layout software or ****printing**** devices.
The purpose of the technology demo, according to Kodak, was to judge the market...

17/3,K/41 (Item 3 from file: 275)
DIALOG(R)File 275:IAC(SM) Computer Database(TM)

01246234 SUPPLIER NUMBER: 06811959 (USE FORMAT 7 OR 9 FOR FULL TEXT)
January through June, 1988. (Lotus mid-year index)
Lotus, v4, n7, p105(4)
July, 1988
ISSN: 8756-7334 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3455 LINE COUNT: 00263

TEXT:
...and End User Computing (QED Information Sciences), Feb 22 CALCULATION. See RECALCULATION CARDS. See BOARDS ****CD****-ROM applications, May 16 CELL REFERENCE absolute, using ABS key, o,s: Apr 98 circular...

...used, Jan 13, Mar 14 Wang PC, extraneous characters on, o: Jan 106 Wang PC, ****printing**** ****screen**** dumps, Mar 108 Wang PC, ****screen**** freeze, o: Jan 110 Wang Professional, creating a tilde, o: Jun 96 Wang Professional, loading...

...s: Mar 96 records, extracting, s: Feb 39 records, numbering, o,s: Feb 94 records, ****printing**** remaining, s: Mar 107 redefining (Macro), o: Jan 30 relational, creating, o: Jan 46 relational...
...3 Rel. 1A, May 31 DATA PROCESSING salary survey, Apr 26 DATA SECURITY protecting floppy ****disks****, Jan 110, Jun 96 software (see SOFTWARE, data security) see also WORKSHEET PROTECTION DATA TRANSFER...

...o,s: May 90 converting date labels to values, o,s: Feb 90 @DATE, to ****display**** future dates, o,s: Feb 101 date format, full standard, o,s: May 92 dates...

...94 dates, entering recent (macro), o,s: Apr 92 dates, graphing, o: Mar 106 time, ****printing**** ocrrect, o,s: Apr 96 time stamps, generating from elapsed times, o,s: May 97...

...changing levels, o,s: May 90 DOS files, accessing, o,s: Feb 94 managing hard-****disk****, s: Apr 42 ****DISKS**** floppy, protecting, Jan 110, Jun 96 hard, uninstalling 1-2-3, o,s: Jan 103 see also ****CD****-ROM, DIRECTORIES DOC WINDOW changing capitalization in, s: Jun 95 finding next occurrence of a single character, s: Apr 44 ****printing**** (macro), s: Jun 37 rejustifying after Erase, s: Apr 93 Symphony Spelling Checker, using (macro...

...RESTORE commands, o,s: May 84 EDLIN, Feb 75 see also DIRECTORIES, OPERATING ENVIRONMENTS DRIVERS ****display****/****printer****, o,s: Mar 5 Hercules, Feb 22 IBM Graphics ****Printer****, o: Apr 98 IBM Proprinter, problem, s: May 98 multiple sets, using, s: Jan 106...

...o: Jan 106 Toshiba P351 with P1350 driver, o,s: Jun 96 Unlisted, lack of ****print**** attributes with, s: Apr 104 EDUCATION letter grades, calculating, o,s: Feb 88 ERROR MESSAGES The database is missing one or more field names, o: Apr 99 ****Disk**** full, o,s: Jan 103 ****displaying**** in the control panel (macro), o: May 30 Formula too long, o: Apr 99 Invalid ...

...file, o: Feb 101 Invalid flag, o: Mar 107 Missing driver set, o: Mar 107 ****Printer**** error, o: Feb 106 Syntax error in macro key/range [...], s: Feb 36 Unrecognized key...o,s: May 87 File Manager, using, o: Feb 102 File Manager, using to label ****disks****, o,s: May 92 file names, ****displaying****, o,s: May 88 file names, editing, o,s: May 92 ****printing**** multiple (Macros), o: Jun 30 protecting, o,s: Feb 92 read/write status, changing, o: Jan 106 ****retrieval****, speeding up, o,s: Mar 94 saving automatically, o,s: Apr 94 saving/****retrieving**** (Macros), s: Jun 38 selecting rapidly, o,s: Jun 88 see also DIRECTORIES, FILE TRANSLATION...

...cell contains a zero, o: Jun 94 Formula too long error message, o: Apr 99 ****printing****, o,s: Mar 106 range names in, editing, o: Apr 93 range names in, editing...

...o,s: Feb 88 @CODE, distinguishing uppercase from lowercase, o,s: May 84 @DATE, to ****display**** dates in year 2000, o,s: Feb 101 range argument with, o,s: Feb 101...

...presentations, managing, Apr 108 software (see SOFTWARE, graphics) GRAPHS dates, graphing, o: Mar 106 pie, ****printing**** with aspect ratio, s: Jun 93 ****printing**** with network ****printer****, o: Apr 104 ****printing**** with ****PrintScreen****, o: Jun 96 scales, two on single axis, s: Feb 94 scales in the billions...

...scales in the thousands, o,s: Jun 88 trigonometric functions, graphing, o,s: Jun 87 ****viewing**** (Macro), o: May 30 wide, ****printing****, o: Apr 98 HYPERSPACE. See MACRO LIBRARY MANAGER INFORMATION SERVICES Presidential Campaign Hotline, Apr 22 INITIALIZATION STRINGS. See SETUP STRINGS INPUT DEVICES mouse, growing market for, Jun 16 ****scanners****, Mar 17 ****scanners****, Saba Handscan, Jan 138 ****scanners****, spreadsheet, Feb 108 ****scanners****, TransImage 1000, Jan 22 INVESTMENT bond-yield analysis, o,s: Apr 79 futures, interest-rate...
...s: May 80 dynamic code, o: Mar 58 error trapping in, s: Jan 39 hard-****disk**** directories, manaing, s: Apr 42 Hyperspace (see MACRO LIBRARY MANAGER) [LOOK] command, s: Apr 39...

...see MACRO LIBRARY MANAGER) menus, creating, o, Jan 100 as programming languages, Mar 90 redrawing ****screen**** after [RECALC], o,s: Jun 90 saving ****memory**** in worksheets, o: May 27 software (see SOFTWARE, macro/programming) stopping, o: Jan 31 stopping...

...dates, entering recent, o,s: Apr 92 decimal point, inserting, o,s: Feb 92 default ****printer**** setting, o,s: Feb 101 deleting rows, s: Feb 36 error messages, ****displaying**** in the control panel, o: May 30 graphs, ****viewing****, o: May 30 halving, doubling, or tripling values, o,s: Mar 106 mailing labels, ****printing****, o: Apr 28 modifying a column of values, o,s: Mar 78 ****print**** commands, o,s: Mar 98 ****printing**** a

Spreadsheet, Apr 94 decision support: Decision Analyst, May...
marketing/sales: listings, Jan 144 optimization: Delta-Manager, Jun 26
personal organization: about, Feb 14 ****printing****/report generation:
Duet, May 114 Inset, Apr 118 JetSet, Feb 116 laser-****printer****
utilities, Apr 17 LaserWare, Feb 116 Matrix Plotter, May 22 Sideways, May
114 project management...

...simulation: GamePlan, Mar 22 spelling checker: International
CorrectSpell, Feb 22 tax: Tax Preparer, Jan 24 ****text****
****management****: ****OCR**** 4mat, Apr 26 worksheet consolidation:
Flash-In, May 107 XYZ:Consolidate, May 107 SPREADSHEETS. See...
...Fall '87, Jan 16 TRAINING Arthur Young's Lotus Macros and Advanced
Functions Self-Teaching ****Video**** Course, Jun 70 listings, o,s,j: Jun
106 Lotus Courseware, Jan 7, Jun 106...

17/3,K/42 (Item 4 from file: 275)
DIALOG(R)File 275:IAC(SM) Computer Database(TM)

01229715 SUPPLIER NUMBER: 06928597
IZE 1.0a: text data base manager. (Software Review) (The Software Shelf)
(evaluation)
Marshall, Patrick
PC World, v6, n9, p192(2)
Sept, 1988
DOCUMENT TYPE: evaluation ISSN: 0737-8939 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

ABSTRACT: IZE 1.0a from Persoft Corp is a ****text**** database
****manager**** that ****stores**** and ****retrieves**** free-form text
quickly. Users can create up to 32,000 records that hold 32Kbytes...

...software formats. Ize allows users to enter text and pick key words. Ize
keyword search ****displays**** a list of texts it finds in the order and
the frequency of keywords found. Keyword ****scanning**** can give a good
idea of which article users are after. Users can omit search...

...full-text search can take six seconds with a 12-MHz AT and 34ms hard
****disk**** drive. IZE also has a hot-link capability to give access to
other applications and link information to an Ize text base. IZe allows
****printing**** of ranges and records on a wide variety of
****printers****. List price is $445.

17/3,K/43 (Item 1 from file: 621)
DIALOG(R)File 621:IAC New Prod.Annou.(R)

0283569
News Release
DATELINE: New York, NY December 11, 1990 WORD COUNT: 326

IMTECH AND BELL & HOWELL SIGN AGREEMENT FOR "COINS"

17/3,K/44 (Item 2 from file: 621)
DIALOG(R)File 621:IAC New Prod.Annou.(R)

0220835
News Release
DATELINE: YONKERS, NY April 5, 1989 WORD COUNT: 635

CODENOLL TO SUPPLY FIBER OPTICS TO CONTEL FOR PENTAGON LOCAL AREA NETWORK

17/3,K/45 (Item 3 from file: 621)
DIALOG(R)File 621:IAC New Prod.Annou.(R)

107199
DATELINE: Los Gatos, California November 14, 1984 WORD COUNT: 673

Talus Corporation introduced the Talus Image Management System at COMDEX/Fall '84

17/3,K/46 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

0381970
Document management
Engineering News-Record May 11, 1992; Pg 43; Vol. 228, No. 19
Journal Code: ENR ISSN: 0013-807X
Section Heading: Product Showcase
Word Count: 82 *Full text available in Formats 5, 7 and 9*

TEXT:
A ****document**** ****management**** system provides a records management workstation that takes advantage of recent developments in optical ****disk**** technology. Called HyperCabinet, it can ****store**** and ****retrieve**** facility documents, maps, drawings, photographs, handwritten notes and correspondence. It is an IBM-PC/AT-based software package that works with an image ****scanner**** to digitally capture the document, uses optical ****disks**** to ****store**** it permanently, has a high-resolution monitor for a sharp ****view**** of a full page, and uses a laser ****printer**** for reproduction. ROY F. WESTON INC.

17/3,K/47 (Item 2 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

0364766
When You Wish Upon DSTAR
Unix World November, 1991; Pg 158; Vol. VIII, No. 11
Journal Code: UNIX ISSN: 0739-5922
Section Heading: New Products: STORAGE
Word Count: 139 *Full text available in Formats 5, 7 and 9*

TEXT:
Jodian Systems & Software's DSTAR (document ****storage**** and ****retrieval****) system is designed as a ****document**** ****manager**** to be used across networks. Users can ****scan****, archive, ****retrieve****, and ****print**** documents ****stored**** as compressed images on optical ****disks****. The DSTAR system uses a Motif interface and organizes documents in cabinets, drawers, and folders for easy categorization, and users can ****retrieve**** documents via SQL queries.

Clients can be organized on the network by the system administrator according to ****view****, ****view****/edit, ****scan****, archive, or ****print**** permissions.

The software also supports security features for confidential documents. Enhancements under development include support...

17/3,K/48 (Item 1 from file: 636)
DIALOG(R)File 636:IAC Newsletter DB(TM)

01631386
OPTIKA
Item Processing Report October 01, 1992 V. 3 NO. 19
ISSN: 1048-5120 WORD COUNT: 171
PUBLISHER: Phillips Business Information, Inc.

... has announced its signature verification software to the banking and financial industries. The SigFiler Signature ****Image**** ****Management**** System is designed to capture, ****store****, ****retrieve****, ****print****, verify and ****manage**** signature ****images**** , as well as index and link signatures to key information. The software runs under Windows and SQL and can ****store****. signature images on high-density optical ****disk**** platters. Once a signature card is passed through the document ****scanner****, SigFiler cuts a zone that contains the customer account's signature image. The system is...

...read the MICR line and endorse the item. The image of the item is then ****displayed**** on the ****screen**** , accompanied by the appropriate customer account signature image. SigFiler's price starts at $15,000...
?pause
>>> PAUSE started.
?

```
File 237:Buyer's Guide to Micro Software(SOFT) 1993/Sep
         (c) 1993 ONLINE Inc.
File 256:SoftBase:Reviews,Companies&Prods. 95-1996/Aug
         (c)1996 Info.Sources Inc
File 278:Microcomput.Software Guide 1996/Aug
         (c) 1996 Reed Reference Publishing
File 751:Datapro Software Directory 1996/Aug
         (c) 1996 McGraw-Hill, Inc.
?ds

Set      Items   Description
S1       54496   DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?
S2        4644   S1(2N)(MANAG? OR HANDL?)
S3        5648   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
             DIGITI?
S4       18494   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
            IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5       19941   STOR? OR MEMOR?
S6        9264   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7       33660   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
             DU?
S8       24623   PRINT? OR OUTPUT? OR OUT()PUT?

S15          6   S2 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
?N
t15/7/all

 15/7/1     (Item 1 from file: 237)
DIALOG(R)File 237:Buyer's Guide to Micro Software(SOFT)
(c) 1993 ONLINE Inc. All rts. reserv.

00011975   00008724
  SOFTWARE NAME: METAVIEW
  VERSION: 1.0
  DATE RELEASED: 1989
  PRICE: $2200.
  PRODUCER: Metafile Information Systems, Inc.
  ADDRESS: 421 First Avenue, SW
           Rochester, MN  55902
  TEL: (507) 286-9232; (800) 638-2445

  PRODUCT DESCRIPTION: Metaview is a developer's tool for creating image
       based processing database systems that handle data records,
       text , and image forms. It brings together optical scanner ,
       laser printer , optical disk , FAX machine, personal computer
      and LAN technologies in a cooperative processing approach to document
       storage and retrieval . The source document is scanned ,
       stored on optical disk , indexed, and made available across a
       network for viewing and printing . The Metaview package
      consists of several software modules. The Mainframe/Midrange Access
      Program (MAP) links the centrally managed resources with the PC
      workstations. The Developer's Workbench includes: a relational
      database manager, windowing software, menu and forms creation, text
      editor, automatic documenter, online help systems, host access,
       cooperative processing, image management , and interactive
      debugging. The Metaview Extended Operating System (MXOS) is the
      Metaview language interpreter for distributing applications developed
      with the Developer's Workbench.
```

15/7/2 (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01372005 DOCUMENT TYPE: Product

PRODUCT NAME: PICTURE CARDBOX 1.0 (372005)

Business Simulations Ltd (521442)
30 St James St
London, SW1A 1HB United Kingdom
TELEPHONE: ( ) 1719250636

RECORD TYPE: Directory

CONTACT: Paul Assanah, Sales

PICTURE CARDBOX 1.0 is an information management and retrieval system that combines the storage of high quality images with text. Images can be captured using most scanners or frame-grabbers and displayed alongside text or, at the touch of a key, enlarged to fill the whole screen . A unique image compression and storage method insures fast retrieval and minimizes the disk space required, making databases of many thousands of images feasible. It is available in single-user and multi-user (network) versions that can be used for such applications as picture libraries, part and product catalogs, press cuttings, insurance inventories, signature verification and personnel and security databases. Records can be sorted in any order and alternate formats can be created to give different database views . Printed output can be produced in an unlimited number of layouts (mixing text and images) including mailmerged continuous text output . Other features include: (1) keyboard macros; (2) calculations; and (3) field/command level access control.

REVISION DATE: 950523

15/7/3 (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01245097 DOCUMENT TYPE: Product

PRODUCT NAME: DVision (245097)

Deerfield Systems Inc (471305)
221 Elizabeth St
Utica, NY 13501 United States
TELEPHONE: (315) 797-1805

RECORD TYPE: Directory

CONTACT: Gordon Height, Mktg Dir

DVision, offered in standalone or network versions, quickly becomes a valued partner for those responsible for document processing, storage , retrieval and management . Documents are captured via an image page scanner and stored on either a WORM or Re-Writable Optical Disk Cartridge. To facilitate having a large number of documents online, the product allows the use of a WORM or WORM Farms with seven optical disk drives per PC or one or more optical jukeboxes.

C.O.L.D. is an advanced version designed to provide immediate online access to offline documents normally archived to microfilm, microfiche, magnetic tape or computer printouts for long term storage . As the data is transferred to the optical disc , the C.O.L.D. process automatically captures the data needed to create the filing indices and stores the text files in the correct retrieval category. A single copy of the original blank form is scanned and stored as a master template. When an inquiry is made, the text files for that document are superimposed on the image of the requested form. When displayed , faxed or printed , the result is an exact replica of the original document. A hardware/software enhancement, AutoFile files documents simultaneously with the scanning process, by utilizing standard bar codes to identify where documents should be filed.

REVISION DATE: 931228

15/7/4 (Item 1 from file: 751)
DIALOG(R)File 751:Datapro Software Directory

00303430 DATAPRO ACCESSION NUMBER: 00303430
PRODUCT NAME: CompassPoint Visual Database 3.0
VENDOR: Northpoint Software
ADDRESS: 155 N. Eton, Birmingham, MI, 48009 USA
TELEPHONE: 1 810 643 0200 FAX: 1 810 643 0404
PRODUCT DESCRIPTION: CompassPoint holds up to 100,000 scanned images such as photos, slides, and illustrations as well as computer-produced image files, along with text in 15 searchable fields, a keyword field, and two description fields each holding up to 32K of information. Field labels can be customized to include information ranging from a variety of descriptors to the department where the image originated, the photographer, and the date it was created, the program uses a proprietary image processing technology that uses data compression to store and send "thumbnail" images for browsing. High-resolution digital image files can be stored in their original state to be retrieved and copied by any authorized user on the network. Formats supported include: Kodak Photo CD , TIFF, PCX, BMP, GIF, TGA, JPEG, DC, WMF, EPS and PICT, Amiga IFF, ATT (G4), Brooktrout, CALS, CLP, DIB, G3, G4, GEM IMG, Halo CUT, ICO, IOCA, Kofax, LaserData (LV), MAC Paint, Microsoft Paint MSP, Photoshop, Pixmap(XPM), RLE, Showpartner GX2, Sun Raster, TARGA, WPG (Raster only), Xbitmap (XBM) and XWD. Groups of images can be saved for later use and shared with network users. To find images they need, users create detailed searches and browse through the resulting thumbnail images on the screen . The thumbnails are decompressed and enhanced at the user's workstation for high-quality, low-resolution display . Users have the option of seeing a single thumbnail an stored text information, a multi- view that displays 12 images at a time, or a digitally enhanced view of the image that is almost screen -sized. Any thumbnail can be copied to the clipboard in a bitmap format and pasted into applications such as reports and spreadsheets. Also included are features such as an optional security system with 10 user access levels, a usage history for each image, and check-in/check-out system to keep track of physical images such as prints and slides. Version 3.0 encapsulates an image record and text to be electronically osent and read by a user with Compasspoint viewer .
RECORD CREATION DATE: 19950509
DATE LAST MODIFIED BY DATAPRO: 19960805

15/7/5 (Item 2 from file: 751)
DIALOG(R)File 751:Datapro Software Directory
(c) 1996 McGraw-Hill, Inc. All rts. reserv.

00289290 DATAPRO ACCESSION NUMBER: 00289290
PRODUCT NAME: EASY IMAGE 3.0
VENDOR: Binary Research
ADDRESS: 7100 E. Valley Green Road ,Box 57, Fort Washington, PA, 19034 USA
TELEPHONE: 1 215 233 3200; 1 800 832 7772 FAX: 1 215 233 1825
PRODUCT DESCRIPTION: Easy-image, a full featured imaging system with C.O.L.D.'s, Hypertext, OCR /ICR and Barcode interfaces, allow users to catalogue document/images faster and more efficiently. Document/images can be stored and retrieved from optical disks , CD -ROM's or hard drives for viewing , printing or faxing.
RECORD CREATION DATE: 19930804
DATE LAST MODIFIED BY DATAPRO: 19960710

15/7/6 (Item 3 from file: 751)
DIALOG(R)File 751:Datapro Software Directory
(c) 1996 McGraw-Hill, Inc. All rts. reserv.

00250686 DATAPRO ACCESSION NUMBER: 00250686
PRODUCT NAME: Docutrieve 1000 Series
VENDOR: Imaging Automation, Inc.
ADDRESS: 7 Henry Clay Drive, Merrimack, NH, 03054 USA
TELEPHONE: 1 603 598 3400 FAX: 1 603 598 3422
PRODUCT DESCRIPTION: Docutrieve 1000 Series is standalone software for optical disk -based document storage and retrieval . It supports an input scanner , full-page document display , laser printer , optical storage unit, and document index management processor. The architecture supports an intuitive user interface, which allows easy integration into any environment. There are no computer commands to learn. All options are on- screen . On-screen help is available. The series is intended for applications where simultaneous access by multiple users is not a requirement. The software in the family differs in total storage capacity, scanner speed, and on-line storage . Docutrieve DT-1010 can store 400k to 1200k and requires a 240MB optical disk . Docutrieve DT-1110 can store 700k to 7000k and requires a 670MB optical disk . Docutrieve DT-1210 can store 1200k to 14,200k and requires a 2Gb optical disk .
RECORD CREATION DATE: 19920125
DATE LAST MODIFIED BY DATAPRO: 19950426
?pause
>>> PAUSE started.
?

```
Set     Items   Description
S1      54496   DOCUMENT? OR TEXT OR TEXTUAL OR GRAPHIC? OR IMAGE?

S3       5648   SCAN? OR OCR OR OPTICAL()CHARACTER?()(READ? OR RECOGNI?) OR
             DIGITI?
S4      18494   DISK? OR DISC OR DISCS OR CDROM? OR CD OR CDS OR WORM OR V-
            IDEODIS? OR LASERDIS? OR FLOPTICAL? OR FLOPPYDIS?
S5      19941   STOR? OR MEMOR?
S6       9264   RETRIEV? OR REACCESS? OR RE()ACCESS?
S7      33660   VIEW? OR DISPLAY? OR VIDEO OR SCREEN? OR CRT? OR VDT? OR V-
             DU?
S8      24623   PRINT? OR OUTPUT? OR OUT()PUT?

S16        17   S1 AND S3 AND S4 AND S5 AND S6 AND S7 AND S8
S17        11   S16 NOT S15
?
t17/7/all

 17/7/1     (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01477702          DOCUMENT TYPE:  Product

PRODUCT NAME:  MPAC -  Document  Imaging 1.5 (477702

Solid State Software Inc (063118)
1401 N Jesse James Rd
Excelsior Springs, MO  64024  United States
TELEPHONE:  (816) 630-8638

RECORD TYPE:  Directory

CONTACT:  Larry Knoch, Mktg Dir

MPAC -  Document  Imaging 1.5 is part of the MPAC (im-pac) system which
is an integrated set of applications for manufacturing, distribution, EDI,
accounting, office automation,  image  processing,  document  imaging,
data collection and system administration. The  document  imaging system
provides for the  storage , archival,  retrieval  and reproduction of
 documents  in  text  or  image  form. Functions are provided for
 document  scanning  and  storage , importation,  retrieval  and
listing.  Documents  can be indexed on up to six identifiers when
 stored  and  retrieved  using any or all of them.  Document
importation allows reading of  text  files from a word processor or other
report generating system. Volumes of  documents  can be archived onto
laser  disks  or other media for  storage .  Display  operators
include page up/down, home, end, center, pan, zoom,  print  and negate.
Companion systems for manufacturing, order processing, accounting, EDI,
 image  processing and office automation are available.

REVISION DATE:  960701


 17/7/2     (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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01469777          DOCUMENT TYPE:  Product
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PRODUCT NAME: Navigator 2000/COM Replacement (COLD) (469777)

I Levy & Associates Inc (024155)
1633 Des Peres Rd #300
St Louis, MO 63131 United States
TELEPHONE: (314) 822-0810

RECORD TYPE: Directory

CONTACT: Barbara Reesor, Mktg Spec

Navigator 2000/COM Replacement (COLD) displaces all microfilm costs and puts information online for instantaneous response to customer inquiries. It is designed as a replacement for the Computer Output Microform (COM) environment. Historically, computer systems have generated large volumes of data in paper and/or COM format. This data is then transferred to microform for later retrieval . The software provides a timely, cost-effective method of storing and retrieving data using optical media, eliminating the costs associated with microform preparation and retrieval from film media. The system inputs documents /reports directly from magnetic disk or magnetic tape from the host. These documents /reports are automatically indexed utilizing user-defined indexed and stored on optical media using electronic cabinets, folder and tabs. When using the software in conjunction with Navigator 2000/DMS all forms of documents , Image , Word Processing, Spreadsheets, and Data Processing (COM) can be stored together, identified by user-defined indexes and easily accessible online, by end users. Indexing of documents is accomplished through the use of user-defined indexing templates. Data contained in the document /report is defined to the template and is used to automatically index the document /report within the system. This data would then be used for retrieval purposes. For example, Invoice Number, Customer Number and Invoice Data could be defined and used for retrieval in any combination. The system can be expanded to include scanned images and word processing documents so that an organization can consolidate all associated information into one folder for fast, easy access. Documents /reports can be retrieved and displayed on any Microsoft Windows 3.X supported displays .

REVISION DATE: 940420

17/7/3 (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01397831 DOCUMENT TYPE: Product

PRODUCT NAME: Feith Document Database (FDD) 3.8 (397831

Feith Systems & Software Inc (339741)
425 Maryland Dr
Fort Washington, PA 19034 United States
TELEPHONE: (215) 646-8000

RECORD TYPE: Directory

CONTACT: Cary Tye, VP Document Imaging

Feith Document Database (FDD) 3.8 is a document image storage and retrieval system designed to operate in a UNIX

client/server network environment using TCP/IP, Windows and OSF Motif. Fully scalable and migratable, it can grow from a single standalone system to a networked multi-user system with complete investment protection of all components. The system features Workflow II, COLD, network printing, full page text retrieval, recognition (OCR , ICR and bar code), quick integration of legacy systems, generalized object storage, multi-line bi-directional FAX, multimedia annotations, FDD To-Go (portable imaging), mail integration and full OLE support. The system consists of three main components: (1) The Image Server, running the UNIX operating system on all major hardware platforms (HP, AT&T/GIS, DG, IBM or Sun), including the Database, EasyJuke, COLD, Fax, Network Print , Workflow II and TREE; (2) The Viewstations , (386 SX/DX or 486 PCs running DOS and Windows or OS/2) which allow the system to alternatively utilize a viewstation running OSF Motif, (COLD text images can be viewed on 3270 and ANSI terminals); and (3) The Scan - Viewstations that are view stations configured with a document scanner , a scan driver interface and software. A wide range of scanners are supported including Fujitsu, Bell & Howell, Ricoh, TDC and Kodak. SQL standard database software is utilized from Oracle, Informix or Sybase. The system supports storage capabilities or rewritable or WORM optical disks and a wide range of Jukeboxes (HP, Panasonic, Sony, Hitachi and Cygnet) in conjunction with high-performance write-through disk cache.

REVISION DATE: 950314

17/7/4 (Item 4 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

00085296 DOCUMENT TYPE: Review

PRODUCT NAMES: ImageBASIC (493147); Microsoft Visual Basic (328081); Microsoft Windows (900172

TITLE: Just Say No to Paper Flow
AUTHOR: Alexander, Steve
SOURCE: LAN Times, v12 n24 p29(2) Nov 20, 1995 1040-5917

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

LeaseLine Financial, a specialty vehicle rental firm, used Diamond Head's ImageBASIC component toolkit to scan , display , and print images for a new electronic imaging system. The system ensures that important documents will not be destroyed in a fire. It also allows loans to be turned around in 48 hours, giving LeaseLine a competitive advantage. Volume of paper records retained is reduced by 80 percent. Paper records formerly filling seven filing cabinets are now stored on three CD -ROM discs , with the most important legal documents remaining in paper format. The user interface, written with Visual Basic, has Windows' on- screen buttons and check boxes for fast and easy file retrieval without data entry. LeaseLine will upgrade the network to improve imaging response time with the installation of a jukebox that holds 150 CD -ROMs and four quad-speed CD -ROM drives.

REVISION DATE: 960330

17/7/5 (Item 5 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

00055773 DOCUMENT TYPE: Review

PRODUCT NAMES: MarcoPolo 2.0.3 (381535)

TITLE: MarcoPolo Update Continues Search for Paperless Office
AUTHOR: Sullivan, Jeffrey
SOURCE: MacWEEK, v7 n35 p56(2) Sep 6, 1993 0892-8118

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

Support for QuickTime movies, sound, DOS files, and scanned documents have been added to Marco Polo 2.0.3, a document retrieval system. Documents from a variety of applications can be grouped and stored in the Document Center, which appears in folders through Finder. They can be filtered and searched, viewed , copied, or printed and can be placed on several volumes. A Find command helps locate documents in multiple Centers. It slows down on networks. Files can be archived in native formats or converted or saved both ways. The Query window allows searches on words, Owners, Dates, Document Centers, and Keywords. The folder approach is confusing, and files may become corrupted when moved. Extra spaces and misplaced text appear when printing .

REVISION DATE: 940725

17/7/6 (Item 6 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

00034854 DOCUMENT TYPE: Review

PRODUCT NAMES: InfoImage (320520); Mortgage Processing Software (373044) ; Imagistics (373052); Enhanced Image Statement (373061

TITLE: Solutions In All Shapes And Sizes For The Banking Industry
AUTHOR: Staff
SOURCE: Imaging Magazine, v1 n2 p27(2) Apr 1992 1063-4320

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

The banking industry is increasing its use of imaging systems to improve its paper handling requirements. The InfoImage Processing System (IIPS) from Unisys is a check processing system that plugs into existing Unisys V Series mainframes. Features include a high speed optical scanner which can scan about 1800 checks a minute, both sides, a magnetic disk -based storage system, a high-speed encoder, and an image display workstation. The ImagePlus High Performance Transaction System (HPTS) from IBM is a check processing system that will be available in mid-1992 and will include a high-speed scanning system and a high-speed endorser that will print information on the checks for

clearing. A new product from Antinori Software can retrieve digitized check images from roll film. Other products briefly reviewed include mortgage processing software from ALE systems, a turnkey system for banks from Data Trade, and image statement software from Check Solutions.

REVISION DATE: 941017

17/7/7 (Item 7 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

00029314 DOCUMENT TYPE: Review

PRODUCT NAMES: CAD Overlay ESP (254771); Scorpion SRV386 (408085); ViewBase (300489

TITLE: Converting to CAD: The Perfect Fix!
AUTHOR: Martini, Richard W.
SOURCE: MicroCAD News, v6 n9 p59(3) Sep 1991 0895-4151

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

An aerospace company has converted to a CAD system, realizing several benefits such as having documents that are easily retrieved and are safe from damage or loss, storing rooms full of drawings on a disk, and easily pulling and altering into a CAD application drawings that need to be converted to vector form. Raster-editing package CAD Overlay ESP allows a CAD operator to retrieve old drawings scanned into a computer, update them, and print them. SRV386 Raster-to-Vector Conversion System works on more complicated drawings, eliminating most of the lengthy editing needed to process a drawing, because it automatically converts manual designs into CAD formats and creates files that allows users to make speedy revisions. ViewBase is a drawing management program that archives thousands of drawings in a variety of storage sites. The company is still looking for a photorealistic rendering package.

REVISION DATE: 941213

17/7/8 (Item 1 from file: 751)
DIALOG(R)File 751:Datapro Software Directory

00289287 DATAPRO ACCESSION NUMBER: 00289287
PRODUCT NAME: DocuWare 3.0
VENDOR: Alos Micrographics Corp.
ADDRESS: 118 Bracken Road, Montgomery, NY, 12549 USA
TELEPHONE: 1 914 457 4400; 1 800 431 7105 FAX: 1 914 457 9083
PRODUCT DESCRIPTION: Electronic filing software package that organizes, stores, retrieves, prints, displays or faxes documents in a user-friendly environment. Multiple levels of password protection, E-Mail, OCR, Point & Shoot and Drop and Drag are just some of the features.
RECORD CREATION DATE: 19930804
DATE LAST MODIFIED BY DATAPRO: 19951031

17/7/9 (Item 2 from file: 751)
DIALOG(R)File 751:Datapro Software Directory

00287740 DATAPRO ACCESSION NUMBER: 00287740
PRODUCT NAME: DVISION COLD
VENDOR: Deerfield Systems, Inc.
ADDRESS: 221 Elizabeth Street, Utica, NY, 13501 USA
TELEPHONE: 1 315 797 1805 FAX: 1 315 733 7494
PRODUCT DESCRIPTION: DVISION COLD, an advanced version, provides immediate on-line access to off-line documents normally archived to microfilm, microfiche (COM), magnetic tape, or computer printouts for long term storage . As the data is transferred to the optical disc , DVISION COLD's process automatically captures the data needed to create the filing indices and stores the text files in the correct retrieval category. A single copy of the original blank form (i.e., invoice, purchase order, etc.) is scanned and stored as a master template. When an inquiry is made, the text files for that document are superimposed on the image of the requested form. When displayed , faxed, or printed , the result is an exact replica of the original document .
RECORD CREATION DATE: 19930607
DATE LAST MODIFIED BY DATAPRO: 19951031

17/7/10 (Item 3 from file: 751)
DIALOG(R)File 751:Datapro Software Directory

00251034 DATAPRO ACCESSION NUMBER: 00251034
PRODUCT NAME: Document Archival Retrieval System (DARS)
VENDOR: InfoLink Technologies, Inc.
ADDRESS: 63 North 400 West, Provo, UT, 84601 USA
TELEPHONE: 1 801 375 7507; 1 800 523 7226 FAX: 1 801 375 7537
PRODUCT DESCRIPTION: DARS is a user-friendly, document archival and retrieval system. It has configuration appropriate for volume requirements ranging from a few thousand pages to many million pages. In a typical DARS network installation, paper documents are scanned and copied to a Write Once Read Multiple (WORM) optical disk for permanent storage and retrieval . It then creates a text file from all the words in each document image using an optical character recognition (OCR) device. The text files are then indexed to create a retrieval database. Users access the database with full- text , queries, then view the images on high-resolution, full-page monitors. Users can zoom and pan across images . Images can be printed on network or locally connected laser printers . This product can be configured with a single 5.25" optical disk drive or in a full network system with a "jukebox" holding 50 12" optical disks with up to 300 gigabytes of on-line and near-line storage . A single 12" jukebox can hold over six million page images . This vendor also has offices in Bodega Bay, Ca and Lanham, MD.
RECORD CREATION DATE: 19920125
DATE LAST MODIFIED BY DATAPRO: 19960710

17/7/11 (Item 4 from file: 751)
DIALOG(R)File 751:Datapro Software Directory

00241866 DATAPRO ACCESSION NUMBER: 00241866
PRODUCT NAME: COOL-Computer Output On-Line
VENDOR: Computron Software, Inc.
ADDRESS: 301 Route 17 North, Rutherford, NJ, 07070 USA
TELEPHONE: 1 201 935 3400; 1 800 828 7660 FAX: 1 201 935 7678
PRODUCT DESCRIPTION: Computron's COOL (Computer Output On-Line) enables enterprises to bring computer reports back to life by storing them electronically on optical magnetic disks . COOL is a replacement for Computer Output Microfilm (COM) and printed reports. It is a particularly viable alternative for users who must create, maintain, store and subsequently refer to high volumes of statements, invoices, checks, account status documents , or any computer reports. COOL allows data to be automatically indexed according to the user's criteria to provide retrieval capabilities. Since reports are stored in character data format, pages move around in a communications network with the same speed as online data. COOL can receive input from tape or via direct interface with the host system. COOL accepts line data and leading All Points Addressable print file formats including IBM Advanced Function Printing (AFP) and Xerox Metacode. It can also provide form overlays for display or printing to re-create documents originally output to pre-printed forms. COOL has also been integrated with Fujitsu TeamWARE Imaging, providing unified bidirectional access to reports stored in COOL, and scanned documents stored in TeamWare Imaging.
RECORD CREATION DATE: 19920111
DATE LAST MODIFIED BY DATAPRO: 19960726
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